

C
P. H.
1915/16

BULLETIN OF
PACIFIC UNIVERSITY
FOREST GROVE, OREGON

VOLUME 511

MAY 1, 1916

NUMBER 1

REGISTER



MAY, 1916

Published by Pacific University, Forest Grove, Oregon, under the
auspices of the Board of Trustees. Entered as second-class
matter, January 7, 1907, at 121 Post Office at
Forest Grove, Oregon, under Act of
Congress, Sept. 3, 1897.

REGISTER

OF

PACIFIC UNIVERSITY

1915 - 1916

WITH ANNOUNCEMENTS FOR

1916 - 1917

FOREST GROVE, OREGON

TABLE OF CONTENTS

Calendar—	Page
Fiscal Year	4
College Events	5
Trustees—	
Members of the Board—Officers.....	7
Standing Committees	7
Faculty and Assistants—	
Officers of Administration	9
Officers of Instruction	10
Standing Committees of the Faculty.....	13
General Information—	
History and Equipment—	
History	14
Chronological Table	19
Location—Campus—Athletic Field—Buildings	20
Apparatus and Collections—The Library.....	23
Administration and Organization—	
Ideals and Regulations	25
Moral and Religious Culture.....	26
Social Life—Athletics and Physical Education....	27
Student Organizations—	
The Student Body—The Student Senate.....	28
The Christian Associations	28
The Literary Societies	29
Forensic Organizations	29
Intercollegiate Prohibition Association	29
The Index—Orchestra	29
Glee Club—Choral Union	30
Athletic Organizations	30
Festival Days—	
Festival Days	31
Expenses—	
Expenses	32
Student Aid—	
Employment in Residence	34
Loan Funds—Half Tuition—Scholarships.....	34
Appointment Bureau	35
Alumni Organizations—	
The Associate Alumni	35
College Extension and Public Lectures—	
The College Extension Division.....	36
Portland Library Courses	36
Chapel Addresses	37
Lectures to the Freshmen	37
Lectures to the Women.....	37

The College of Liberal Arts—

Admission and Selection of Studies—

Requirements for Entrance	38
Conditions and Advanced Credit.....	40
Special Students—Accredited Schools.....	40
Required Courses	40
Suggested Courses	41
Limits of Work	45
Schedule of Recitations	46

General Regulations—

Registration	49
Attendance and Absence from Classes.....	49
Examinations and Honor System.....	49
Grading and Reports—Honors in Scholarship.....	50
Degrees—Extra-Curricular Activities	52

Description of Courses—

Biblical Literature	53
Biology	54
Business Courses	56
Chemistry	57
Economics	59
Education	60
English Language and Literature.....	62
French	65
Geology—German—Greek	66
History—History of Art.....	68
Home Economics	69
Latin	72
Mathematics	74
Music	76
Philosophy	77
Physical Education	79
Physics	80
Political Science	80
Public Speaking	81
Sociology	83

The Conservatory of Music.....	84
---------------------------------------	-----------

Award of Prizes and Honors.....	90
--	-----------

Officers of the Student Body.....	91
--	-----------

Roll of Students.....	91
------------------------------	-----------

Roll of Alumni.....	96
----------------------------	-----------

Index	116
--------------------	------------

CALENDAR

THE FISCAL YEAR

1916

SEPTEMBER

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

NOVEMBER

				1	2	3	4
5	6	7	8	9	10	11	
12	13	14	15	16	17	18	
19	20	21	22	23	24	25	
26	27	28	29	30			

OCTOBER

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

DECEMBER

					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

1917

JANUARY

	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

MARCH

				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

MAY

		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

FEBRUARY

				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28			

APRIL

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

JUNE

					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

College Events

1916

- Sept. 18-19, Monday, Tuesday. Registration Days
Sept. 20, Wednesday Recitations begin, 8:05 a. m.
First Chapel Service, 10 a. m.
Sept. 22, Friday College Reception, 8-11 p. m.
Oct. 27, Friday All College Day
Nov. 29, Wednesday Thanksgiving Recess begins,
4 p. m.
Dec. 4, Monday Work resumed after Thanks-
giving Recess, 8:05 a. m.
Dec. 22, Friday Christmas Recess begins, 4 p.m.

1917

- Jan. 2, Tuesday Work resumed after Christmas
Recess 8:05 a. m.
Jan. 10, Wednesday..... Charter Day Exercises, 8 p. m.
Feb. 2, Friday First Semester ends
Feb. 5, Monday Registration Day
Feb. 6, Tuesday..... Recitations begin 8:05 a. m.
Feb. 9, Friday..... College Reception, 8-11 p. m.
Feb. 22, Thursday Washington's Birthday Ad-
dress, 10 a. m.
Freshman Play, 8 p. m.
March 16, Friday Spring Recess begins, 4 p. m.
March 26, Monday Work resumed after Spring
Recess 8:05 a. m.
April 16, Monday Field Day
May 11, Friday May Festival
May 30, Wednesday Memorial Day
June 7, Thursday Conservatory Recital, 8 p. m.
June 8, Friday Conservatory Recital, 8 p. m.

College Events--Continued

- June 10, Sunday Baccalaureate Sermon, 11 a. m.
Address before Associations
8 p. m.
- June 11, Monday Senior Class Exercises, 2 p. m.
Commencement Play, 8 p. m.
- June 12, Tuesday Receptions by Literary Societies, 3 p. m.
Conservatory Concert, 8 p. m.
- June 13, Wednesday Meeting of Trustees, 10 a. m.
College Commencement, 3 p. m.
Alumni Reunion, 5 p. m.
President's Reception and College dinner, 6 p. m.
- Sept. 17-18, Monday, Tuesday. Registration begins.
- Sept. 19, Wednesday Recitations begin, 8:05 a. m.
- Sept. 21, Friday College Reception, 8:00 p. m.



TRUSTEES

MEMBERS OF THE BOARD

PRES. CHARLES JOSEPH BUSHNELL, ex-officio, Forest Grove.

	Term Expires
BELA S. HUNTINGTON, Portland.....	1916
EUGENE P. McCORNACK, Salem.....	1916
HARRISON G. PLATT, Portland.....	1916
WILLIAM T. FLETCHER, Portland.....	1917
HON. EDWARD W. HAINES, Forest Grove.....	1917
FREDERICK A. KRIBS, Portland.....	1918
JOHN E. BAILEY, Forest Grove.....	1919
CHAS. A. PARK, Salem.....	1919
GEORGE A. WARREN, Portland.....	1919
REV. LUTHER R. DYOTT, D. D., Portland.....	1920
SYLVESTER C. PIER, Portland.....	1920
GEORGE H. MARSH, Portland.....	1921
NAPOLEON DAVIS, Aurora.....	1921

OFFICERS OF THE BOARD

B. S. HUNTINGTON	President
JOHN E. BAILEY	Vice-President
NAPOLEON DAVIS	Secretary
CHAS. A. PARK.....	Assistant-Secretary
GEORGE A. WARREN	Treasurer
D. A. HESSEMER.....	Assistant Treasurer

STANDING COMMITTEES

Executive Committee

B. S. HUNTINGTON, Chairman
PRES. C. J. BUSHNELL
HARRISON G. PLATT
JOHN E. BAILEY
E. P. McCORNACK

Finance Committee

GEORGE A. WARREN, Chairman
B. S. HUNTINGTON
NAPOLEON DAVIS
PRES. C. J. BUSHNELL
JOHN E. BAILEY

Teachers Committee

PRES. C. J. BUSHNELL, Chairman

S. C. PIER

E. W. HAINES

WILLIAM T. FLETCHER

CHAS. A. PARK

Nominating Committee

B. S. HUNTINGTON, Chairman

PRES. C. J. BUSHNELL

GEORGE A. WARREN

JOHN E. BAILEY

NAPOLEON DAVIS

FACULTY AND ASSISTANTS

OFFICERS OF ADMINISTRATION

CHARLES JOSEPH BUSHNELL
President

ROBERT FRY CLARK
Dean of the University

MARY FRANCES FARNHAM
Dean of Women

FRANK THOMAS CHAPMAN
Dean of Conservatory of Music

ARTHUR MALCOLM BEAN
Registrar

FRANK COLLINS TAYLOR
Local Treasurer

CORA A. MILTIMORE
Librarian

KENNETH W. IRLE
Secretary to the President

MRS. NETTIE A. TURNER
Matron of Herrick Hall

OFFICERS OF INSTRUCTION

CHARLES JOSEPH BUSHNELL,
Ph. B., University of Chicago, 1898; Ph. D. 1901,
President

HENRY LIBERTY BATES,
A. B., Oberlin, 1876; A. M. 1880. B. D., Oberlin Theological
Seminary, 1881.
Professor of Philosophy and Education

MARY FRANCES FARNHAM,
Graduate of Mt. Holyoke and Student at Radcliffe, Litt. D.,
Mt. Holyoke, 1912.
*Dean of Women and Professor of English Language and
Literature*

FRANK THOMAS CHAPMAN,
Graduate American Conservatory, 1893;
Berlin 1894 and 1906-1907.
*Dean of the Conservatory; Piano and Violin; Theory and
History of Music*

FRANK COLLINS TAYLOR,
A. B., University of Nebraska, 1890.
Professor of Greek and Latin

ARTHUR MALCOLM BEAN,
A. B., Iowa College, 1897; A. M., Cornell University, 1903.
Professor of Biology

EARLE DOWNS WEST,
A. B., Ohio State University, 1900; A. M., Adrian College, 1908,
Professor of Mathematics

GEORGE HAROLD LEARNED,
A. B., Middlebury College, 1908.
Professor of Chemistry

OFFICERS OF INSTRUCTION—Continued

ROBERT FRY CLARK,

A. B., Oberlin College, 1902; A. M., University of Chicago, 1906,
*Dean of the University and Professor of Sociology
and Economics*

PAULINE MILLER CHAPMAN,

Graduate Chicago Conservatory, 1896; Student in Europe,
1906-1907. Student of Max Heinrich, Madam Amy Major,
Senior Marescalchi, Madam Etelka Gerster
and Prof. G. B. Lamperti.
Instructor in Vocal Music

EMMA BEECHER PENFIELD,

Student in Goettingen, Tours, Paris.
Instructor in German

OLGA LENORE BUSHNELL,

A. B., Albany College; Graduate Student University of
Chicago.
Instructor in Home Economics

RALPH YAKEL,

A. B., Northwestern University, 1911; LL.B., Illinois
Wesleyan 1913.
Instructor in History and Physical Culture

CORA A. MILTIMORE,

B. S., Oklahoma A. & M. College; Student Kansas University;
University of Iowa.
Librarian

ANNA EMILIA BAGSTAD,

Student University of Chicago; A. B. Yankton College, 1905;
Graduate Student in French, Simmons College, 1910;
Student Emerson College of Oratory, 1910.
Instructor in French and Public Speaking

OFFICERS OF INSTRUCTION—Continued

ZELMA MONROE,

A. B., Wellesley College, 1910; B. S. in Home Economics,
Illinois Wesleyan University, 1912.

Instructor in Home Economics

MRS. BELLE P. HENNEY,

Student with Dr. Bischoff, Washington, D. C.

Instructor in Voice

MARTHA BELLE REYNOLDS,

Student under William Russell Case, N. Y., and Kirt Fischer,
Boston; Diploma Pacific University Conservatory, 1914;
Associate American Guild of Organists, 1915.

Instructor in Piano

MARY ANNA BROBST,

Diploma in Music, Pacific University Conservatory, 1915.

Instructor in Piano

STUDENT ASSISTANTS.

LESTER TALLMON JONES

GWENDOLEN HUGHES

Assistants in Biological Laboratory

WILFORD MYRON BRIGGS

Assistant in Chemical Laboratory

RUTH JOSEPHINE HAINES

HALLIE MOORHOUSE

HELEN MILDRED WAIT

THAYNE MILLER LIVESAY

Assistants in the Library

EMMA CRAFT

Assistant in the Conservatory of Music

STANDING COMMITTEES OF THE FACULTY

RELIGIOUS LIFE,

Professors Bates, Learned, Mr. Yakel.

MUSIC,

Professors Chapman, Bates.

FORENSICS AND DRAMATICS,

Professors Taylor, Learned, Miss Bagstad.

ATHLETICS AND GYMNASIUM,

Mr. Yakel, Professors Bates, West.

SOCIAL AFFAIRS AND SOCIETIES,

Professors Clark, Farnham, Miss Bagstad, Miss Monroe.

CURRICULUM AND CLASSIFICATION,*

Professors Bean, Clark, West, Miss Penfield.

SCHEDULE AND ATTENDANCE,

Professors West, Bean, Miss Penfield.

PUBLICATION AND EXTENSION,

Professors Clark, Taylor, West.

CATALOG,

Professors Farnham, Bean, Learned.

LIBRARY,

Miss Miltimore, Professors Bates, Bean, Farnham.

STUDENT EMPLOYMENT,

Professors Clark, Taylor, West.

GENERAL INFORMATION

History and Equipment

HISTORY

Pacific University, by its inception under the provisional government and its charter granted during the period of territorial administration, is intimately associated with the early history of Oregon; and since the admission of Oregon to the Union, members of the alumni have served, not only in the State Legislature, but also in the halls of Congress. Like many other pioneer institutions, the beginnings form an interesting chapter in missionary records. In 1841, Rev. Harvey Clark of Chester, Vermont, began an independent work among the Indians of Tualatin Plains, and when the Willamette Valley was opened for settlement by white people, Mr. Clark realized the importance of schools for their children. Active plans were not begun until 1847, when Mrs. Tabitha Moffett Brown of the immigration of 1846 came to visit her son, who lived on a donation claim near Forest Grove. Although past middle life, Mrs. Brown was a woman of unusual energy and resourcefulness. With the cooperation of Mr. Clark she collected the children who had been left orphans by the hardships of the western trail and taught them in the log church. Other children from the settlement also joined the school.

In the meantime both as a missionary enterprise, and as the beginning of a future state, the Oregon Territory appealed to eastern men of large vision. In 1847, the Home Missionary Society commissioned Rev. George H. Atkinson to extend religious work in Oregon, and Rev. Theron Baldwin, secretary of the American College and Educational Society, advised him to "found an academy that shall grow into a college." In 1848, soon after his arrival in Oregon, he attended the meeting of the Congregational and Presbyterian Conference in Oregon City and urged the immediate establishment of the academy. Members of the Conference visited Forest Grove and, with the consent of Mr. Clark, it was decided to merge the orphan school into the proposed academy. On September 29, 1849, the Territorial Legislature granted a charter "for a seminary of learning for the instruction of both sexes in science and literature, to be called

Tualatin Academy," from the Indian name of plain and river. Rev. Cushing Eells was the first principal and, for a time, was assisted by Mrs. Eells. In 1851, under the auspices of the National Board of Popular Education promoted by Governor William M. Slade of Vermont, Miss Elizabeth Miller, the late Mrs. Wilson of The Dalles, came to Forest Grove. She was the first woman especially appointed to Tualatin Academy then under the charge of Rev. D. R. Williams. Mrs. Wilson, who was the last survivor of the early instructors, died February 26, 1913. To establish an endowment fund Mr. Clark gave his donation claim which, with other gifts of land, was sold for town lots. Several acres, however, were reserved for a building site and grounds for the school. A subsequent gift from Rev. Elkanah Walker, and the purchase of additional acres from Mr. Stokes enlarged the grounds to the thirty acres which constitute the present campus of Pacific University. Members of the class of 1867 have marked the site of the old log church, where the first classes were held, by a petrified stump brought from the country home of Dr. Raffety. The raising of the first frame building for Tualatin Academy is graphically described by Mr. Edwin Eells, who was an early student. For days, men from all parts of Tualatin Plains camped with their families on the grounds, and while the men worked at the frame, the women cooked the meals. It was a gala time for the whole community. This building erected in 1851 is now used as the science building and is the oldest building in Oregon still in use for educational purposes. Its substantial hand-hewed frame has insured permanency over other buildings of pioneer days.

Believing that a more advanced course of study was essential to the training of young men for their part in the development of Oregon, Dr. Atkinson enlisted the Society for the Promotion of Collegiate and Theological Education at the West. He secured as president of the contemplated college Rev. Sidney Harper Marsh, of Union Theological Seminary. Descended from a family of educators, Mr. Marsh was especially qualified to develop a high standard of scholarship. In 1854, the Territorial Legislature granted a new charter with full collegiate privileges to "Tualatin Academy and Pacific University." Although all the possi-

bilities under the enlarged charter have not been realized, and the institution has never claimed other than college standing, difficulties in the way of a more appropriate name still require the use of the original title.

President Marsh made several visits to the East, where he secured liberal contributions from men who realized the strategic importance of a frontier state. Hon. Rufus Choate, Edward Everett Hale and Professor Austin Phelps were warmly interested in the work. Important contributors were S. F. B. Morse, the inventor of the telegraph, and his brother Sidney E. Morse. Prominent in the list are the names of William E. Dodge, Ezra Farnsworth, Henry Ward Beecher, Timothy Dwight, Dr. E. M. Kirk and John Tappan, who were noted clergymen and philanthropists. Among men of affairs who made generous subscriptions were Frederick Billings, A. S. Hatch, Edward Everett, S. D. Warren, David Whitcomb, A. S. Barnes, also P. L. Moen, C. P. Huntington, F. Jones, J. Crosby Brown, J. Field, William Carlton, W. W. Wickes, and R. R. Graves. By their assistance President Marsh raised an endowment which for some years placed the institution on a safe financial basis; he also collected a library of 5000 volumes. In addition to the first frame building which was known for many years as "The College Building," a similar building was erected in 1864 for the academy.

The board of trustees for Pacific University was chosen in part from the old board of Tualatin Academy. Rev. Harvey Clark was president of the board and Dr. Atkinson was secretary for forty years; Hon. Alanson Hinman, the latest surviving charter member, succeeded Dr. Atkinson as President of the board and served continuously as trustee until his death in 1908; Hon. H. W. Corbett was a member of the board from 1858 until his death in 1903, and Hon. Henry Failing was treasurer from 1870 until his death in 1898. He was succeeded by Mr. Frank M. Warren, who was drowned in the Titanic disaster, April 15, 1912; his son, Mr. George A. Warren, a grandson of Dr. Atkinson, was elected in his father's place. Among the alumni who have served as trustees, Mr. Harvey W. Scott, the first graduate, was president at the time of his death in 1910; Rev. Myron W. Eells of the class of 1866, although at great personal



INTERIOR OF LIBRARY

inconvenience, never failed to attend the annual meeting.

In scholarship the men chosen by President Marsh for associates in his work have stood high in the records of college-trained men. Rev. Horace Lyman, a professor of history and rhetoric, was much of the time pastor of the Congregational Church; E. A. Tanner was afterward president of Illinois College at Jacksonville; E. D. Shattuck became an eminent jurist; G. H. Collier, who died in 1916, was for many years professor of science in the University of Oregon; Joseph W. Marsh, professor of Greek and Latin and librarian, after forty years of uninterrupted teaching was retired in 1907 on the Carnegie Foundation, and January 28, 1914, his long and useful life was ended; A. J. Anderson was president, first of the University of Washington, and later of Whitman College; Rev. Thomas Condon, who won distinction as the leading geologist of the Northwest, was a professor in the University of Oregon; W. N. Ferrin was professor of mathematics until 1903, when he was elected president of Pacific University; W. D. Lyman, both alumnus and instructor of history in Pacific University, is professor of history in Whitman College.

The death of President Marsh in 1879 closed twenty-six years of service for Pacific University. He was succeeded by Rev. John R. Herrick, S. T. D.; during his short administration a building was erected for young women and subsequently named Herrick Hall. He resigned in 1883, and resumed ministerial service, dying in 1912. Rev. J. F. Ellis, D. D., was president until 1891, when he was succeeded by Rev. Thomas McClelland, D. D. Increase of the endowment and the erection of Marsh Memorial Hall were great forward movements of that decade. Liberal benefactors were Dr. D. K. Pearsons, of Chicago; Dr. J. H. Williams and J. H. Converse, of Philadelphia; Mrs. Frederick Billings, of Vermont; Hon. Henry Failing and Hon. H. W. Corbett of Portland. In July, 1898, the National Council of Congregational Churches, then convened in Portland, held a special session in Forest Grove to celebrate the Golden Jubilee of an institution "cradled in missionary enterprise and nurtured by men of pilgrim faith." President McClelland resigned in 1900 to accept the presidency of Knox College, and Professor William N. Ferrin, after serving three years as dean of the

faculty, was appointed president in 1903. Within the last ten years a new hall of residence for young women has replaced the wooden building destroyed by fire in 1906, a well equipped gymnasium has been erected, and a handsome library. This important addition to the working equipment of Pacific University is a gift from Mr. Andrew Carnegie, with a maintenance fund contributed by friends. It is worthy of note that leading subscriptions for all these newer buildings have come from the Northwest.

In February 1913 President Ferrin resigned, and the following June the trustees elected as President Professor Charles Joseph Bushnell, Ph. D., of the Department of Social Science at Lawrence College, Appleton, Wisconsin. He entered upon the administrative work of the College September 1st and was inaugurated on Charter Day, January 14th, 1914.

In the work of reorganization, both by his own personal efforts and through an extension secretary, wider publicity of the advantages and present equipment of Pacific University has been given. The office of Dean of the University has been created, and the Department of Home Economics has been added to the courses of instruction. Tualatin Academy which was the beginning of Pacific University was discontinued in 1915 that greater emphasis might be placed upon the more important work of college courses. Many improvements in efficiency have been carried into effect, including reorganization of student employment, inauguration of new student customs, encouragement of student self-government, and establishment of a new boys' dormitory system.

No less important than the material growth of Pacific University is the steady advance in standards. In the early years the bachelor's degree was conferred only upon men; for women there was the shorter "Ladies' course," with the degree of "mistress of science." In 1891 the title of the women's degree was changed to B. L., and in 1900 the course was extended to four years. In 1879, women first received the A. B. degree. For a few years different degrees were given to the respective groups of study, but since 1905 all groups receive the common degree of A. B. for 120 approved credits. Until 1878, the degree of A. M. was conferred

"in course" upon all classical students; since then the requirements have steadily been raised until the master's degree now means a well defined course of study approved and directed by the faculty. The standards for admission meet the requirements of the Carnegie Foundation. The courses of study have been steadily enriched and enlarged. In 1912, by action of the United States Bureau of Education, Pacific University was placed upon the list of standard colleges. It has also been placed upon the accredited list of the State of Washington, with the understanding "that it shall maintain standards equal to those of the University of Washington." This privilege enables graduates of Pacific University to teach in the schools of Washington without examination. In accordance with an act of the Oregon Legislature in 1910, all graduates who have completed fifteen hours in Education are given certificates permitting them to teach in the high schools of Oregon without examination. Graduates of Pacific University are admitted for graduate or professional study in all the leading colleges and universities of the country. The alumni fill positions of honor and responsibility not only in Oregon and other states, but even in foreign lands.

CHRONOLOGICAL TABLE

Rev. Harvey Clark began missionary work at Tualatin Plains	1841
Mrs. Tabitha Moffett Brown came to Forest Grove....	1847
The Orphan School opened in the log church.....	1847
Rev. Geo. H. Atkinson, D. D., arrived in Oregon..	July 1848
Conference at Oregon City.....	September 4, 1848
Tualatin Academy incorporated.....	September 26, 1849
Rev. Cushing Eells, first principal of Tualatin Academy	1849
The raising of the first frame building for Tualatin Academy	July 4, 1850
Mrs. Elizabeth Miller Wilson taught in Tualatin Academy	1851
Rev. Sidney Harper Marsh, D. D., came to Oregon....	1853
Tualatin Academy and Pacific University incorporated	January 10, 1854
President Marsh inaugurated.....	May 3, 1854
Rev. Harvey Clark died.....	March 25, 1858

First commencement	1863
Academy building erected	1864
President Marsh died.....	February 2, 1879
Herrick Hall erected.....	1883
President Thomas McClelland inaugurated....	June 15, 1892
Ground broken for Marsh Memorial Hall.....	June 21, 1893
Celebration of Golden Jubilee of Pacific University,	July 9, 1898
President William N. Ferrin inaugurated...October	14, 1903
Herrick Hall burned.....	March 11, 1906
The New Herrick Hall dedicated.....	October 30, 1907
The Gymnasium opened.....	June 13, 1910
The Academy building burned.....	October 26, 1910
The Carnegie Library opened.....	October 17, 1912
President Charles J. Bushnell inaugurated,	January 14, 1914

FORMER PRESIDENTS

Rev. Sidney Harper Marsh, D. D.	1853-1879
Rev. John R. Herrick, S. T. D.	1879-1883
Rev. John F. Ellis, D. D.	1883-1891
Rev. Thomas McClelland, D. D.	1892-1900
William N. Ferrin, LL. D.	1900-1913
Charles J. Bushnell, Ph. D.	1913-....

LOCATION

Forest Grove is distinctively a "college town." It is known for its law-abiding, intelligent population, its strong progressive churches, and its beautiful homes. It has never had a licensed saloon in all its history. More favorable conditions for health could scarcely be obtained anywhere. The water supply, brought from the mountains ten miles away, is abundant and pure. An excellent sewer system is being completed. Typhoid fever and kindred diseases are absolutely unknown. Forest Grove is but twenty-six miles from Portland and is reached either by the Forest Grove division of the Oregon Electric Railway or by the newly electrified system of the Portland, Eugene and Eastern Railway, which is an extension of the West Side division of the Southern Pacific. Both stations are within a few blocks of the campus. Frequent trains make Forest Grove easily accessible from Portland and the Willamette Valley.

CAMPUS

The campus of the University is a beautiful tract of 30 acres on which all of the buildings, tennis courts and athletic field are located. The massive oaks and natural contour of the land lend a dignity and charm which go to make up a campus that, for beauty, is second to none in the state, and of which any university might well be proud.

ATHLETIC FIELD

The athletic field situated near the gymnasium in the northeast corner of the campus, comprises an excellent four-lap running track, also a fine football and baseball field. South of the field and overlooking the finish of the running track is a covered grandstand with a seating capacity of 500 people.

BUILDINGS

MARSH MEMORIAL HALL. This building, raised in commemoration of the first President, Sidney Harper Marsh, is constructed of brick, with stone trimmings. The dimensions are 142x70 feet. There are thirteen recitation rooms, a reception room, office, literary society and Christian Association rooms. There is also a commodious chapel, which, when thrown open into the adjoining rooms, will seat 800 people. The building is well lighted and ventilated, and is heated thruout with hot water.

HERRICK HALL. This hall of residence for young women is a brick and stone building three stories high, in addition to a good basement with cemented floor where rooms have been fitted up for the Department of Home Economics. The equipment comprises a hot water heating plant, electric lights, bath and toilet rooms on each floor, water in all the rooms, and fire escapes. The dining hall, parlors and music rooms are on the ground floor. Easy stairways lead to the upper floors, where both single and double rooms are arranged; in a few cases connecting doorways make it possible to use two rooms en suite. The rooms are furnished with single beds which can be made up as couches to give a more homelike appearance. In addition to the furniture which the institution provides the occupants are

required to bring towels, table napkins, couch covers, and necessary bedding (except mattresses). Whatever else individual taste may suggest can be brought from home. All pictures must be hung from the picture moulding. A fee of twenty-five cents is paid for each electric attachment used in the rooms.

A good laundry in the basement gives opportunity to young women who wish to do their own washing or ironing. Plugs for the attachment of electric irons have been installed; each young woman is requested to provide her own ironing sheet and irons. Washing or ironing is to be done only in the laundry.

The hall of residence is the center of a pleasant family life under such restrictions as the customs of good society and the best interests of the household require. The immediate administration is conducted by the House Government Association, with an advisory board of resident members of the faculty. The Dean of Women and several members of the faculty reside in the hall.

Unless by special consent all young women whose homes are away from Forest Grove reside in the hall.

A retaining fee of five dollars is paid when a room is engaged; this sum is deducted from the first payment after enrollment, but the amount is forfeited if the room is not retained. Twenty-five cents is paid for each key, the amount to be refunded when the key is returned to the Matron at the close of the college year. For further information please apply to the Matron, at Herrick Hall, or at the office of the University.

THE LIBRARY BUILDING. The college library occupies a handsome new Carnegie building near the southwest corner of the campus.

The building is of white brick, with darker trimmings, and in its effective setting of fine old oak trees makes a notable addition to the college property. The interior is finished in quartered oak and the chairs and tables are of the same material. On the main floor are spacious reference and periodical rooms and a stack room with steel stacks

of standard design, capable of shelving some 16,000 volumes. The librarian's office, a study room and coat rooms are also on this floor. In the basement is a second stack room, where the greater part of the government documents are shelved, also storage rooms and a large lecture room.

THE GYMNASIUM. This new building was erected during 1910 at a cost of \$24,000, contributed largely by citizens of Forest Grove, alumni and other friends of the college. It is a substantial structure with two stories and a basement. The floor of the main gymnasium is 50x100 feet, and is well equipped with necessary apparatus.

A gallery with a bowled floor for a running-track surrounds this room. The building contains also a fine swimming pool 20x60 feet, director's room, trophy room and separate bathroom and locker rooms for young men and young women. A fee of 25 cents a semester is charged to every one using a locker.

SCIENCE HALL. The building known as Science Hall was the first university building erected on the campus. It is still, nevertheless, a serviceable structure, a testimony to the faithful work of the early builders. A lecture room, the botanical and other collections, the biological laboratories, office and store-room are on the first floor; on the second are laboratories for chemistry and physics, lecture room and office. All these rooms have been recently remodeled, but their capacity is taxed by increasing classes.

APPARATUS AND COLLECTIONS

For the work of classes in Chemistry and Biology, special apparatus is provided. A very valuable set of engineering instruments is supplied for the use of students in the mathematics department.

A considerable collection has been made of birds and mammals of this region. The principal invertebrate orders are represented by preserved material in jars. There is also a collection of several hundred marine shells, named and classified.

The botanical collection includes over two thousand

native species, several hundred South African species and a museum exhibit of nearly five hundred native species.

A large collection of geological specimens has been obtained from different regions of this country and Europe illustrating both the paleontologic and stratigraphic phases of the study. There are besides a number of ores and similar material for the work in mineralogy.

It is earnestly desired that these various collections may be increased and thus made more useful for purposes of instruction. Small private collections and single specimens are of much greater value when forming part of a larger and well-organized series. The cooperation of alumni and friends of the institution toward this purpose is earnestly solicited. Correspondence to this end may be addressed to any member of the faculty.

THE LIBRARY

The library contains 19,073 bound volumes, besides numerous pamphlets and unbound material. Being a designated depository for government publications the library acquires from this source some 250 volumes yearly. This valuable collection of public documents is available for the use of the students and the public.

In the periodical room may be found some eighty-five American and foreign periodicals, both of a general and technical character. There are several daily and weekly newspapers on file and student papers from other schools. The magazines of permanent value are bound and added to the already large collection. With the use of the readers' guide these are very valuable for use in reference work.

The most important gift received during the past year was from Mrs. Joseph Marsh, when she gave to the library six of the most valuable books from the private library of the late Professor Marsh. Among these is a splendid copy of the celebrated "Bishop's Bible," printed in London by Richard Jugge, in 1568. Added interest is given to this volume from the fact that it was presented to Professor Marsh by some of his numerous friends in the University and elsewhere in 1907, when he completed forty years of

service on the University faculty. Among the other books are two volumes of Douai Version of the Old Testament printed at Dowal in 1609 and 1610 by Lawrence Kellam; a volume written in Latin, printed in 1526 at Antwerp, and two volumes of sermons of Chrysostom printed by Aldus Manutius in 1551.

The library is fortunate in having an unusual collection of old and very valuable books. The oldest is a book written by an Italian scholar, Marsilio Ficino, and was printed at Florence in 1482. This work is a commentary, in Latin, on Plato's work on the immortality of the soul. Among others is an interesting copy of the works of Virgil from the press of the famous Flemish printer Ascensius in Paris, bearing the date 1507; a folio volume of Beroaldo's commentary on the Metamorphosis of Apuleius, printed at Venice in 1501, a quaint vellum bound copy of the "Punica," a history of the Punic wars, written by Silius Italicus and printed at Basle in 1522, another vellum bound copy of "Postilla in Evangelia" with no imprint date, but probably dating from about 1550. These, together with some four hundred other volumes, were a gift of Mr. and Mrs. D. W. Craig and Miss Emma S. Waterous of Salem. The library has, also, some interesting and valuable books from the library of S. E. Morse, among which is a copy of Ptolemy's geography printed at Basle in 1542.

The efficiency of the library is assured by an endowment of about \$25,000, the interest on which is used for maintenance and for the purchase of books.

The use of the library is free to students and alumni of Pacific University, and to other persons on personal application and in accordance with special rules.

Administration and Organization

IDEALS AND REGULATIONS.

It was the purpose of the founders of Pacific University to offer the young men and the young women of the Pacific Northwest a thoro education under Christian influences. As a Christian college it aims to develop manly and womanly character and to train the students for lives of service.

The institution does not desire the attendance of any students who are not industrious and well disposed, or who are too wayward for home restraint. To such as are earnest it affords the advantages of a quiet and orderly community with all the opportunities of study and mental development afforded by any institution on a firm foundation.

Any student who, in any semester, is reported as doing unsatisfactory work in more than one-half of his registered hours may be dropped from the University for the remainder of that semester and for the following semester.

Any student who, in any semester, is reported as doing unsatisfactory work in more than one-quarter of his registered hours may be placed on probation for the remainder of that semester and for the following semester. During the full probationary semester, the student must pass in twelve hours; or in all his hours, if he is registered for less than twelve.

The ultimate control in all matters pertaining to the conduct of the students is in the hands of the faculty. It is their desire to lay no unnecessary restrictions upon any. Students are presumed to have regard for the general rules of good manners and good morals; they are expected to be orderly, faithful, respectful and honest, and to render a cheerful compliance with such regulations and requirements as the faculty may, from time to time, find it necessary to make.

Non-resident students in special departments are subject to the general rules of the institution.

Young women are admitted to all courses of study on equal terms with young men, and so far as they are pursuing the same studies they recite together. All the young women of the institution are under the supervision of the Dean of Women.

MORAL AND RELIGIOUS CULTURE

This is a Christian institution and aims to give its students a thoro education; it believes that the highest intellectual culture, and the greatest moral excellence can be obtained only as they are developed from the principles of

Christianity. At the same time it seeks to avoid a narrow sectarianism; it opens its doors to students of all denominations.

All students are required to attend a daily devotional service at the chapel, and church services at least once on Sunday. Each student attends the church of his choice. Bible study occupies an important place in the curriculum, and a strong department of Biblical Language and Literature is maintained.

SOCIAL LIFE

Pacific University is a co-educational school, and the social life of the institution is modified by these conditions. The only restrictions are those that are generally recognized as the customs of good society, as expressed thru the advice of the Dean of Women and the self-government rules of the women's dormitory. Social functions of the College are controlled thru the faculty committee on student social affairs. Class and other organizations give opportunity for pleasant social relations, and once during the year each literary society gives a formal function. The college receptions bring together the entire faculty and the student body. All College Day, and other special days also afford opportunity to show loyalty and enthusiasm as an important element in college life.

ATHLETICS AND PHYSICAL EDUCATION

Special attention is given to the health of the students. The department of Physical Education has been placed on the same basis as other college work. The purpose is not the development of professional athletes, but to promote the student's health and usefulness by directing his physical activities and acquainting him with the means of bodily development and the preservation of health.

All freshmen, sophomores, and special students, are required to take gymnasium work two hours per week, unless excused specifically by a properly authorized official. The uniform suit of Pacific University is required.

In all classes the work is graded and each division of the class is given exercises suited to the needs of the individual. A physical examination is required of all students at the beginning of each college year.

Out-of-door sports are encouraged. Teams for football, basketball, baseball, tennis, track, and other field athletics are regularly organized for the men; and basketball, tennis and other games for the women. Emphasis is placed not so much on the production of a few expert teams as on the cultivation among all the students of a love of outdoor life and clean athletic sport.

The splendid swimming pool in the gymnasium affords special opportunity for training in the art of swimming, for both men and women. Both faculty and students take part in athletics.

STUDENT ORGANIZATIONS

THE STUDENT BODY is composed of all the students enrolled in Pacific University. It bears the responsibility of the various student enterprises. It is a deliberative body presided over by its own president. Its administrative board is the Student Senate.

THE STUDENT SENATE. The Student Senate is composed of student representatives of each of the leading student organizations in the institution. The duties of the senate are "to superintend the events of all College Day, and to have charge of general student college events; to serve as medium of communication between the students and the faculty; to take charge of all student elections; to present the official "P"; to bring before the student body such questions of general interest as shall seem advisable; and to undertake such other duties as may be assigned by the student body or the faculty."

The object of this organization of the students is to increase the sense of responsibility of the students for the proper and successful conduct of college affairs, and to recognize their interest in the welfare of the institution.

THE CHRISTIAN ASSOCIATIONS. Branches of the College Young Men's and Young Women's Christian Asso-

ciations are maintained by the students and prayer meetings are held every Tuesday evening, to which all students are invited. Classes for Bible study and Mission study, following the plan of the International Committee, are maintained by both associations. A room in Marsh Hall is suitably furnished for use of these societies. A useful handbook is published each year and may be obtained by applying to the presidents of the associations.

THE LITERARY SOCIETIES. There are four literary societies for the students—the Gamma Sigma and Alpha Zeta for the men, and the Philomathean and Kappa Delta for the women. Membership is by election by the society. They meet weekly and are the means of developing and fostering literary excellence. Essays, orations and discussions are presented and a familiarity with parliamentary rules is gained. Suitable rooms are provided for the societies in the college buildings.

FORENSIC ORGANIZATIONS. Pacific University is a member of the Oregon Intercollegiate Oratorical Association, and the medal has been won several times by the University representative.

The students participate annually in intercollegiate debates, and have met with a good degree of success in debating with strong college teams.

In January 1914 at the annual meeting of the Phi Alpha Tau Fraternity a charter was voted to Pacific University. This honorary fraternity is organized to promote the interest of public speaking. The qualifications for membership are good general scholarship, special excellence in public speaking, representation of the college in debate, oratory or dramatics.

THE INTERCOLLEGIATE PROHIBITION ASSOCIATION. Pacific University is affiliated with the Intercollegiate Prohibition Association thru an organization of students. Honors have frequently been won both in the state and interstate contests.

THE INDEX. The Index is the college paper and is published every Tuesday during the college year by a board

of student editors elected annually by the student body. It is a record of college life and is a useful bulletin of all events relating both to student affairs and the administrative work of the college.

THE ORCHESTRA. The orchestra, which has been such a successful part of past conservatory programs and Glee Club trips, owing to the loss by graduation and otherwise, has had to use a number of new recruits in its ranks this year. Players of orchestral instruments, especially violin students and cello players, are desired at this time.

It is desired to keep the orchestra a good and creditable college organization and to that end students who have more or less mastery of their instruments are welcomed.

THE GLEE CLUB. The Glee Club, selected by competition, is open to all the students. An annual "Glee Club" trip is usually made during the spring vacation. The club also carries a male quartette, pianist, and reader.

CHORAL UNION. The Choral Society meets once each week during the first semester.

The membership is not limited to the college students, the only requirements being regular attendance at rehearsals and the possession of a singing voice.

ATHLETIC ORGANIZATIONS. The recognized games of the athletic association are football, basketball, track athletics, and tennis. An effort is made to get every man at work in some form of athletics.

Football. Pacific's football teams have always an enviable record. During the last two years Pacific has lost only one game.

Basketball. Basketball is popular during the winter months and the gymnasium furnishes a fine floor for its enthusiasts. Competition between the classes is keen for the possession of the "Shaver Cup," a trophy given by one of our graduates to the winner of the inter-class basketball championship.

Track and Baseball. In the spring attention is divided

between track and baseball. The athletic field and track is one of the best in the state. An indoor meet, the hexathlon, is held during the winter months, in which all the independent colleges of Oregon compete.

Tennis. Two well equipped tennis courts are provided for the students and are constantly in use during the season.

Athletic Council. The whole department of athletic sports is controlled by the Pacific University Athletic Association, which consists of practically the entire student body and faculty. The immediate supervision of the work of the Association is in charge of the Athletic Council of nine members, consisting of three members of the faculty, appointed by the President, and six members of the student body, elected by the students.

FESTIVAL DAYS

ALL COLLEGE DAY. The 30th of October is set apart as "All College Day" and is observed as a general rally of student organizations, interclass contests and other public sports, the freshmen initiation in the presence of the faculty and student body and the burying of the freshman-sophomore hatchet. The exercises close with the annual Halloween banquet.

CAMPUS DAY. On a specially appointed day after the leaves have fallen from the college oaks the student body organizes into groups to put the grounds in order for the winter. At noon the Home Economics Department serves a picnic luncheon, and later in the day the more purely recreational side of college life is appropriately observed.

CHARTER DAY. On January 10, 1854, the Territorial Legislature of Oregon gave a new and enlarged charter to Pacific University. That suitable recognition may be given to the founding of this institution January 10, or the Wednesday following that date is observed as "Charter Day." The annual program recalls the early days and presents the purpose of the founders of Pacific University.

The Charter Day address in 1916 was given by Rev. O. H. Holmes, of Forest Grove.

WASHINGTON'S BIRTHDAY. Washington's Birthday is an annual holiday at Pacific University. In the morning an address on a patriotic theme is given before the student assembly and the friends of the institution by an orator appointed for the day. In the evening it has for many years been the privilege of the Freshman Class to present a play and other exercises representative of college life. February 22, 1916, the annual address was given by Mr. A. C. Newill of the Civic League of Portland on "Public Spirited Citizenship."

FIELD DAY. On Field Day is held a contest between the classes for the Millis Cup. The contest also serves as a "tryout" for other track events coming later in the season.

MAY FESTIVAL. The May Festival is observed on the second Friday in May with an appropriate celebration under the management of the Christian Associations. The May Queen is crowned in the morning and field sports are held on the athletic field in the afternoon; in the evening a pageant play, or a similar exercise is presented.

EXPENSES

TUITION. The tuition and all fees are due in full in advance each semester, and charges for rooms and board in college buildings are due in advance each quarter semester. All monies are payable to the Local Treasurer.

College tuition, per semester.....\$30.00

Each student pays an incidental fee of three dollars per semester, to be used for library, reading room and athletics, and two dollars for a Student Body ticket providing admittance to all athletic games and student entertainments, and subscription to the college paper published by the students.

For laboratory courses a fee is charged varying from two to five dollars per semester. The exact amount is given under the description of each course.

For five hours of class work one-half of the regular tuition is charged and for more than five hours full tuition.

Students taking up class work of less than five hours will be charged four dollars per semester hour and will not

be required to pay incidental or student body fees. Music students not enrolled in college classes and taking more than two lessons a week will be required to pay the incidental and student body fees.

All arrangements for tuition and other fees are to be made with the treasurer before attending recitations. The instructors are authorized not to receive any into their classes who cannot present a registration card properly stamped by both Registrar and Treasurer.

Money paid in for tuition will be refunded only when the student has been excused before the middle of the semester on account of illness, in which event one-half the semester's tuition will be returned. The same rule applies to laboratory fees except when a change in enrolment is made and reported within the first two weeks after enrolment.

A fee of fifty cents, to be paid to the Local Treasurer, will be charged for any special or extra examination. A special enrolment fee of one dollar is imposed upon students who register later than the enrolment days announced in the College Calendar.

It is estimated that the average necessary expenses for a college year range from a minimum of \$200.00 to a maximum of \$400.00.

BOARD AND ROOM IN HERRICK HALL. The price of room and board, including heat and light, and the use of the laundry, is \$90 per semester for each person. This is not a rate by the week and is made with the understanding that prompt payment is to be made in advance, for at least each quarter semester. Settlements for less than one quarter semester will be charged fifty cents a week above the average of usual rates.

No allowance will be made for occasional absence except that, in case of necessary absence extending to three days or more, an allowance on board of fifty cents a day for all time in excess of two days will be made. Ten cents will be charged at Herrick Hall for all meals served in the rooms and for all meals served at irregular hours.

BOARDING CLUBS organized and carried on by the young men with board at actual cost are given every possible encouragement by the college. It is the wish of the institution to inculcate all reasonable economy by its students.

THE COLLEGE CLUB is maintained by the College as a dormitory for the young men, with a matron and professor in charge. Rates for board and room are \$4.50 per week.

STUDENT AID

STUDENT EMPLOYMENT IN RESIDENCE. The college desires to encourage self-supporting students, and such are enrolled every year. Assistance is rendered students in finding employment. Janitor service, assistance in the Library or the laboratories and waiting on tables are specific ways by which some of the students meet part of their expenses. Other opportunities present themselves in business houses, or in private families. As a rule no capable young man or woman in good health, and with a determination to undertake a college course, need fail to secure a degree.

LOAN FUNDS. In the later years of a college course it is often recommended that the student, in order to receive the greatest advantage, should secure a temporary loan at a low rate of interest from some loan fund, or private source. Young women in Pacific University have availed themselves of scholarships thru the Oregon Federation of Women's Clubs and from the P. E. O.

The Congregational Education Society assists students in college who wish to prepare for the Christian ministry.

HALF TUITION. Sons and daughters of ministers in actual service are admitted upon payment of one-half tuition, if they are dependent upon their parents.

SCHOLARSHIPS. Thru a bequest of \$10,000 by Mr. Charles Atkinson of Moline, Ill., the Atkinson scholarship fund has been established. The income is awarded each year to worthy students who are in need of such assistance. Any one who indulges in tobacco, or has any expensive habits, is debarred from such aid. The income from the Benedict

fund of \$2000 is given to young women. Aid may be withdrawn at any time from students who fail to conform to any of these conditions. It is permanently withdrawn after a second forfeiture by unsatisfactory deportment or low standing in studies. Recipients of scholarship aid may be called upon for special assistance in ways that do not interfere with college work.

In awarding these scholarships preference is given to students who intend to become candidates for a degree.

A scholarship providing tuition for one year is awarded the student in any secondary school on the full accredited list, in accordance with the co-operative plan of six of the Oregon Colleges.

Applications for aid in any of these forms must be made in writing upon blanks furnished at the President's office. Write for information regarding this plan.

APPOINTMENT BUREAU. In order to be as helpful as possible in placing its students and graduates in desirable positions and also to help those seeking to fill such positions, the management has arranged for an appointment committee.

This committee asks that all students or graduates desiring employment or better positions file with it a statement of their qualifications and wishes in the matter and it invites also the inquiries of those having employment to offer in teaching or other desirable lines. No charge will be made for the committee's service, as it is hoped that assistance enough can be rendered toward getting the right person in the right position to justify the extra work involved.

The committee will have charge of appointments for employment of students both outside of the institution and within the institution.

ALUMNI ORGANIZATIONS

THE ASSOCIATE ALUMNI is the official organization of the Alumni of Pacific University. The annual meeting for

the election of officers is held at Forest Grove during Commencement Week. Occasional meetings are held in Portland. The organization is associated with many enterprises for the advancement of the college. Several members are connected with the Board of Trustees. Mr. William T. Fletcher of the class of 1900 is at present the especially appointed representative of the Alumni. Members of the organization and other past students are always welcome visitors at Pacific University, and a few years ago the grandchildren of Rev. and Mrs. Elkanah Walker, who were early benefactors, furnished a room in Herrick Hall for the accommodation of former students.

College Extension and Public Lectures

THE COLLEGE EXTENSION DIVISION

EXTENSION LECTURES. Pacific University has always stood for a high standard of education and a large and generous service to the public. In pursuance of this policy, the college has inaugurated an Extension Lecture Service, consisting of popular addresses (many of them illustrated), on live educational and social questions of the day, by the faculty of the college, for high schools, libraries, women's clubs, churches and other organizations that may wish to cooperate in this public service.

The terms on which these addresses are given are simply for payment of transportation and entertainment of the speakers. Where a stereopticon is used, the local organization will generally be expected to furnish the lantern outfit and operator.

EXTENSION CLASSES. Extension classes are also organized by special arrangement.

For further information and appointments, address Chairman College Extension Committee, Pacific University, Forest Grove, Oregon.

PORTLAND LIBRARY COURSES. During the years 1913-'14 and '14-'15 the College conducted courses of lectures well attended, at the Portland Public Library.

During the year 1915-'16 an extension class in "Practical Dramatics" has been conducted by Professor W. G. Har-

rington regularly each Friday evening at the same place at 8 o'clock, open without charge to the public. The average attendance at the class was about 200.

CHAPEL ADDRESSES

The following addresses have been given before the Student Assembly:

September 15—Opening day. President Bushnell, "The Challenge of America to Educated Men and Women."

October 21—Rev. A. L. Crim, "The Foundations of Integrity."

October 27—Miss Eleanor Hopkins, "The National Training School of the Y. W. C. A."

December 8—Rev. Henry A. Atkinson, Ph. D., "Ideals of Social Service."

January 10—Rev. Philip E. Bauer, "Alaska."

January 12—Charter Day Address, Rev. O. H. Holmes, "The Decline of Idealism Among the American People."

January 21—Rev. R. E. Dunlap, D. D., "The Debt of Power."

February 10—Rev. J. J. Staub, D. D., "Character and the Stuff of Which It Is Made."

February 17—Mr. Sylvester C. Pier, "Abraham Lincoln."

February 22—Washington's Birthday, A. C. Newill, A.M., "Public Spirited Citizenship."

February 25—Arthur C. Boggess, Ph. D., "Social Conditions in India."

March 2—President Bushnell, "The Real Issue Before Us Today."

LECTURES TO THE FRESHMEN

COLLEGE LIFE, a course designed especially for freshmen, meets once a week the first semester, to discuss the standards and interests of college students in respect to physical, mental and social training, and the moral and practical questions involved in modern citizenship.

LECTURES TO THE WOMEN

Thursday afternoons in the spring semester a course of lectures on "The Social Duties of Women," by leading

women of Oregon, is given in the parlors of Herrick Hall before the women of Pacific University. It is the purpose of this course not only to bring before the young women, in an intimate way, opportunities of the larger life of our day, but also to make the students acquainted with women who are directly related to the social and civic life of the Pacific Northwest.

THE COLLEGE OF LIBERAL ARTS

The high standard of the work done in this institution is recognized by the larger universities East and West, and graduates of Pacific University have been admitted to graduate standing, and undergraduates have also been given equal rank without examination in a number of the best colleges and universities.

Admission and Selection of Studies

REQUIREMENTS FOR ENTRANCE

Candidates for admission to Pacific University must present an official statement of work done by them in other schools and a certificate of good moral character. These papers should, if possible, be in the hands of the Registrar before September 1st, in order to avoid delay in registration. The age required for entrance is fifteen years with a proportionate increase to enter advanced classes.

The scholastic requirements for admission are stated in terms of units. The term UNIT means the equivalent of five recitations per week for one year in one branch of study. In closely allied branches not usually taught in periods of one year each, such as Botany and Zoology, units may be constructed by adding the respective time values of such studies. In any subject three recitations a week for one year and a half may be counted as one unit.

Fifteen units are required for admission.

I. The following nine units are required of all candidates for entrance.

English 3 units

Mathematics	2 units
History or Social Science.....	1 unit
Natural Science	1 unit
Foreign Language	2 units

To fulfil the requirement in Mathematics one unit of Geometry must be offered and one unit of Algebra.

Either Ancient Language (Latin, Greek, etc.) or Modern Language (German, French) may be offered to satisfy the Foreign Language requirement, but at least two must be in the same language, i. e. two units of Latin, etc., or two of German, etc.

II. In addition to the nine units under I., enough units must be offered from the following elective subjects to bring the total up to fifteen.

Latin	1 to 2 units
Greek	1 to 2 units
German	1 to 2 units
French	1 to 2 units
Spanish	1 unit
Zoology	$\frac{1}{2}$ to 1 unit
Botany	$\frac{1}{2}$ to 1 unit
Chemistry	1 unit
Physics	1 unit
Physiography	$\frac{1}{2}$ to 1 unit
Agriculture	$\frac{1}{2}$ to 1 unit
Astronomy	$\frac{1}{2}$ unit
English	1 unit
History, Civics, Economics.....	2 units
Mathematics	$\frac{1}{2}$ to 1 unit
Commercial Subjects	$\frac{1}{2}$ to 1 unit

Also from $\frac{1}{2}$ to 2 units from either Mechanical or Free-hand Drawing, Manual Training or Domestic Science and Art.

These requirements are in accordance with the recommendations of the Carnegie Foundation for the Advancement of Teaching. They also correspond to the work of the High Schools of Oregon, and are in harmony with recommendations made by the National Education Association at the annual meeting in Salt Lake City in 1913.

CONDITIONS AND ADVANCED CREDIT.

A student may be admitted to the Freshman Class with a deficiency of not more than one unit of entrance credit; but such deficiency must be made up within the year.

Applicants for advanced standing in any course must satisfy the instructor by examination or otherwise as to the amount and character of work upon which such application is based.

No College credit will be given for preparatory work, nor will college rank be given to a student whose work is academic.

SPECIAL STUDENTS.

In the arrangement of the courses the established fact is recognized that fixed schemes of study must be maintained in the interest of higher education, and students are strongly advised and encouraged to enter the regular courses.

All the privileges of the University, however, are open to students pursuing partial courses as far as they are prepared to take advantage of them. Such special students in any course or department, not candidates for a degree, will be entitled to certificates of proficiency in all branches of study.

ACCREDITED SCHOOLS.

Graduates of any standard four-year High School or other Secondary School having a course of study equivalent to the above requirements and which has been approved by the Faculty, will, when recommended by the principal of the school for admission to any college course, be admitted without examination. Schools may be accredited for partial fitting, and students will be required to pass examination in such subjects as are not credited in the entrance requirements.

If the preparation of the student who is admitted by certificate is found to be wanting in thoroughness, the privilege of sending students in this manner may be withdrawn from the school that has certified his preparation.

REQUIRED COURSES.

All candidates for the Bachelor's Degree must have com-

pleted the stated number of hours in the following subjects, and are expected to complete the work during the years indicated:

Subject	Hours	To be completed
1. Bible	4	At any time
2. Biology or Chemistry.....	10	Freshman or Sophomore
3. English Language and Literature	10	Freshman or Sophomore
4. Introductory Sociology ...	4	Sophomore or Junior
5. History	6	Freshman or Sophomore
6. Mathematics or Ancient Language*	8	Freshman or Sophomore
7. Modern Language**	6	Freshman or Sophomore
8. Psychology	6	Junior or Senior
9. Ethics	4	Sophomore or Junior
10. Public Speaking	4	Freshman or Sophomore
11. Physical Education	8	Freshman and Sophomore
(No credit given)		
12. College Life	1	Freshman
(No credit given)		

*The ancient language required in this option must be the 10 hours of Latin 1a and 2a, or Greek 1a and 2a, or 8 hours of more advanced work.

**If the Modern Language is beginning work 10 hours are required.

For sequence of courses, see departmental descriptions.

SUGGESTED COURSES.

The following suggested courses have been prepared as an aid to students in outlining their courses of study in the college. To the student expecting to continue his or her education in a professional school, these suggested outlines are intended to serve as a key to the courses obtainable in Pacific University that have an intimate bearing upon the work of the various professions. The pre-professional courses here outlined are strictly suggestive, but each is so planned as to contain all the required subjects mentioned above, and also a major subject of 24 hours, and a minor

subject of 16 hours. (The numbers in parenthesis after the subject of the course indicate the total number of semester hours in the subject during the year.)

COMMERCE AND LAW.

Freshman.		Junior.	
	Hrs.		Hrs.
Mathematics 1, 2	(8)	Bible	(4)
Development of English Literature	(3)	Logic	(4)
Periods of American Literature	(3)	Introduction to Philosophy	(2)
Mediaeval and Modern History	(6)	French or German	(6)
Cicero and Vergil	(10)	Sociology (Introductory)	(4)
or Livy and Horace	(6)	Elements of Political Science	(3)
Elements of Expression	(4)	Constitutional Government	(2)
		Debate	(6)
Sophomore		Senior	
Principles of Economics	(4)	American City Government	(3)
Economic Problems	(2)	Finance and Banking	(2)
Chemistry	(10)	Philanthropy and Reform	(2)
American History	(4)	Extemporaneous Speaking	(6)
French or German	(6)	Psychology	(6)
Daily Themes	(4)	Ethics	(4)

EDUCATION

Freshman.		Junior.	
	Hrs.		Hrs.
Periods of American Literature	(3)	Elements of Expression	(4)
Development of English Literature	(3)	American History	(4)
Chemistry or Biology	(10)	History of American High Schools	(2)
Modern Language	(10)	Elements of Political Science	(3)
Mathematics or Ancient Language	(8)	Introductory Sociology	(4)
		Psychology	(6)
		Pedagogical Psychology	(2)
		Child Problems	(2)

American City Govern-
ment (3)

Sophomore.

Daily Themes	(4)
Mediaeval and Modern History	(6)
History of Education	(4)
Classroom Management	(4)
Elements of Economics and Economic Problems	(6)
Modern Language	(6)
Logic	(4)

Senior.

Bible	(4)
Elements of Secondary Education	(3)
Constitutional Government	(2)
Philanthropy and Reform	(4)
Ethics	(4)
Religious Education	(2)
School Law	(2)
Social Ideals in English Literature	(4)

HOME ADMINISTRATION.**Freshman.**

Courses	Hrs.
Mathematics 1, 2	(8)
Chemistry 1, 2	(10)
Sewing and Textiles, H. E. 1, 2	(10)
Public Speaking 1, 2	(4)

Junior

Courses	Hrs.
Evolution and Care of the Home H. E. 5, 6	(6)
History of Art 1, 2	(4)
History 1, 2	(6)
Food and Dietetics H. E. 11, 12	(10)
Bible 1, 2 or 3, 4	(4)

Sophomore.

Daily Themes 1, 2	(4)
Chemistry of Foods 11, 12	(8)
Dressmaking and Textiles H. E. 3, 4	(6)
Biology 1, 2 or 5, 6	(10)
Food Products H. E. 9, 10	(6)

Senior.

Literature 5, 6	(6)
Modern Language	(6)
Sociology 1, 2	(4)
Ethics 10	(4)
Psychology 3, 4	(6)
Home Nursing H. E. 14	(3)
Practice Teaching H. E. 13	(3)

LIBRARY SCIENCE**Freshman.**

Courses	Hrs.
Development of English Literature	(3)
Periods of American Literature	(3)

Junior.

Courses	Hrs.
History of Art	(4)

Livy and Horace	(6)	Introductory Sociology	(4)
General Chemistry	(10)	Psychology	(6)
German	(6)	American History	(6)
French	(6)	Bible	(4)

Sophomore**Senior.**

Daily Themes	(4)	Ethics	(4)
Tacitus and Pliny	(4)	Elements of Political	
Biology	(10)	Science	(3)
Mediaeval and Modern		American City Govern-	
History	(6)	ment	(3)
Elements of Public		English History	(6)
Speaking	(4)	Library Administration	(2)
German	(6)	Electives	(16)

Latin of the first year should be preceded by four years of High School Latin; German by two years of High School German, and French by two years of High School French. In case of a language not begun in High School, the amount of time devoted to it in college should be increased.

MEDICINE.**Freshman.****Junior.**

	Hrs.		Hrs.
General Chemistry	(10)	Biology	(10)
Development of English		Chemistry (Carbon Com-	
Literature	(3)	pounds)	(10)
Periods of American Lit-		Mediaeval and Modern	
erature	(3)	History	(6)
German or French	(6)	Psychology	(6)
Elements of Expression	(4)		
Latin or Mathematics	(8)		

Sophomore.**Senior.**

Biology	(10)	Chemistry (Physiologic-	
Quantity and Quality		al)	(10)
Analysis	(8)	Biology	(10)
Daily Themes	(4)	Elements of Political	
College Physics	(10)	Science	(3)
Bible	(4)	American City Govern-	
		ment	(3)
		Introductory Sociology	(4)
		Ethics	(4)

French is to be elected if not presented for entrance.

MINISTRY

Freshman		Junior	
	Hrs.		Hrs.
Development of English Literature	(3)	English Literature	(6)
Periods of American Literature	(3)	Introductory Sociology	(4)
Biology	(10)	Greek or Modern Language	(6)
Greek	(6)	American History	(6)
Modern Language or Latin	(10)	Psychology	(6)
Bible	(2)	Debate	(6)
Sophomore		Senior.	
Daily Themes	(4)	English Literature	(4)
Mediaeval and Modern History	(6)	Extemporaneous Speaking	(4)
Greek	(6)	Elements of Economics	(4)
Modern Language	(6)	Ethics and Philosophy	(10)
Elements of Political Science	(3)	Religious Education	(2)
American City Government	(3)	Charities and Corrections	(2)
Bible	(2)	Bible	(4)
Oratory	(6)		

LIMITS OF WORK

For the completion of any course 120 hours are required, an average of 15 hours each semester. Freshmen are not expected to undertake more than 15 hours per week and it is seldom that any student can carry more than 17 hours profitably. Registration for more than this amount will be allowed only on condition that no grade of the preceding semester is below 85 per cent, and when it is evident that the work can be done without detriment to the student's health. Requests for permission to take such additional work must be presented to the faculty in writing at time of registration.

An hour's credit is given for: (1) attendance thru one semester at one regular class exercise per week with a suitable amount of preparation which should be not less than two hours for each recitation; (2) for one laboratory exercise

of not less than two and one-half hours per week, thru one semester.

The faculty reserves the right to withdraw any elective if it be not chosen by a sufficient number of students to constitute a class.

Each student who is a candidate for the Bachelor's Degree shall elect one major subject of 24 hours and one minor subject of 16 hours. Work done in a secondary school for which college credit is allowed will not be counted toward the 24 hours required for the completion of a major subject.

Major subjects must be chosen and entered on registration blanks at the beginning of the second semester of the Sophomore year. Any change in the major subject can be made only upon the recommendation of the heads of the department in which the old major was chosen and of the department in which the new major is requested.

The head of each department of instruction in the University shall be the official adviser of all students majoring in his department. The President shall appoint temporary advisers for all students until their major subjects have been selected.

SCHEDULE OF RECITATIONS

8:05

Greek, 3 and 4, M. T. Th. F.

Mathematics, 1 and 2, M. T. Th. F.

Spanish

Philosophy 1 (first semester), M. T. Th. F.

Philosophy, 10 (second semester), M. T. Th. F.

English, 1 and 2 (themes), T. Th.

English, 15 and 16, M. W. F.

Bible, 3 and 4, T. Th.

Sociology, 1 (first semester), M. T. Th. F.

Sociology, 2 (second semester), T. Th.

Foods and Dietetics (Rec.), M. W. F.

9:00

Biology, 9, M. W. F.

English, 7 and 8, T. Th.

Geology, M. W. F.
Mathematics, 3 and 4.
Political Science, 1, M. W. F.
Latin, 3 and 4, M. W. F.
Philosophy, 3 and 4, M. W. F.
History, 1 and 2, M. W. F.
History of Art, 3 and 4, T. Th.
Education, 3 and 4, T. Th.
German, 1 and 2.
Dressmaking and Costume (Rec.), M.
Sewing and Textiles (Rec.), W. F.
History, 1 and 2, M. W. F.
English, 17 and 18, M. W. F.

10:15

Education, 1 (first semester), M. W. F.
Education, 5 (second semester), W. F.
French, 3 and 4, M. W. F.
English, 5 and 6, M. W. F.
Chemistry, 5 and 6, M. W. F.
Evolution and Care of Home, M. W. F.

11:10

Education, 6, T.
History, 3 and 4, M. W. F.
Biology, 3 and 4 or 5 and 6, T. Th.
Chemistry, 1 and 2, M. W. F.
Economics, 1, M. W. F.
Latin, 7 and 8, M. W. F.
Home Nursing (Rec.), T. Th.
Food Products (Rec.), W. F.
Sociology, 3 and 4, T. Th.
Biology, 1 and 2, M. W. F.
Public Speaking, 1 and 2, T. Th.
Latin, 5 and 6, T. Th.
German, 3 and 4, M. W. F.
French, 5 and 6, M. W. F.

1:15

Biology, 1 and 2, Lab. T. Th.
Chemistry, 1 and 2, Lab. T. Th.
Chemistry, 3 and 4, T.

Chemistry, 5 and 6, M. W. F.
Latin, 1b and 2b or Greek 1a and 2a.
History, 5 and 6, M. T. Th. F.
English, 9 and 10, M. W. F.
Bible, 1 and 2, T. Th.
Dietetics, Lab., T. Th.
Dressmaking, Lab., M. F.
German, 5 and 6, M. W. F.
Sewing and Textiles, Lab., M. F.
Food Products, Lab., W.

2:10

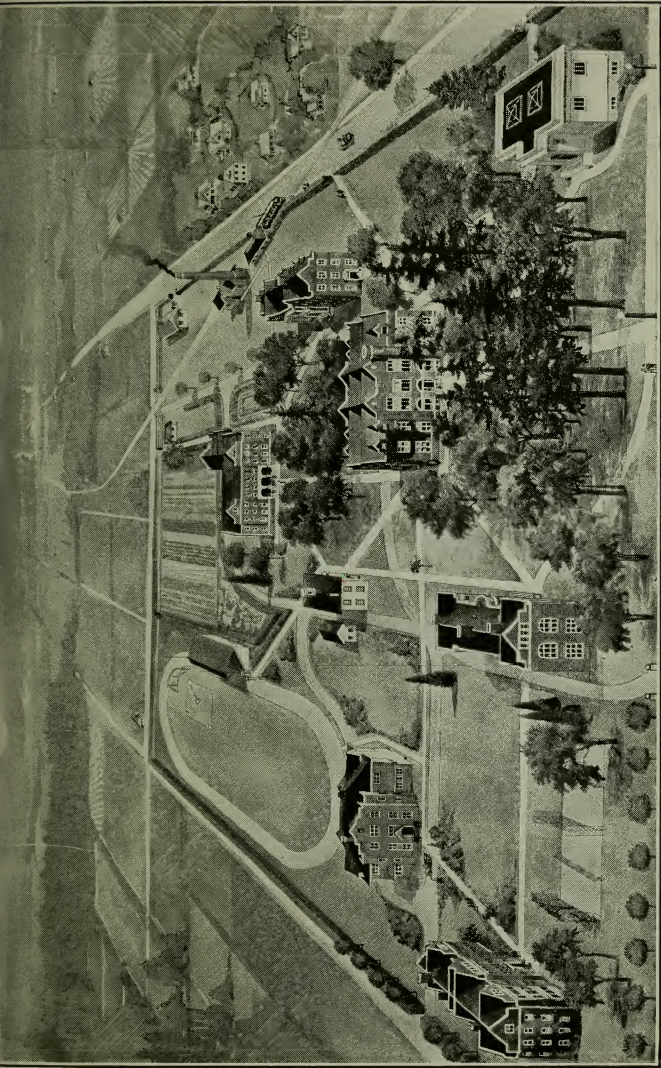
French, 1 and 2, M. W. F.
Biology, 1 and 2, Lab., T. Th.
Chemistry, 1 and 2, Lab., T. Th.
English, 7 and 8, W. F.
English, 11 and 12, T. Th.
Dietetics, Lab., T. Th.
Dressmaking, Lab., M. F.
Food Products, Lab., W.
Sewing and Textiles, Lab., M. F.

3:05

Mathematics, 11 and 12, M. W. F.
Biology, 1 and 2, T. Th.
Chemistry, 1 and 2, Lab., T. Th.
College Life.
Latin, 1a and 2a.
Dietetics, Lab., T. Th.
Food Products, Lab., W.
Elementary Cooking, Lab., W.
Elementary Sewing, Lab., M.
Sewing and Textiles, Lab., F.

4:00

Elementary Cooking, Lab., W.
Elementary Sewing, Lab., M.
Sewing and Textiles, F.



*Men's
Dormitory

*Proposed

Athletic Field
Gymnasium

*Main Science
Hall

PACIFIC UNIVERSITY CAMPUS
Women's
Dormitory

Main
Hall

*Fine Art
Hall

Library

General Regulations

REGISTRATION

Students are expected to register on the days specified in the college calendar. The registration certificate must be presented to each instructor for signature and returned to the Registrar within one week.

Candidates for admission to the college should forward an official statement of their preparatory work and a certificate of good moral character at a sufficiently early date to insure their being in the hands of the Registrar not later than the first day of September, for the first semester, or the 15th day of January for the second semester.

In order to avoid delay in registration, blank forms to fill out in advance will be sent on request.

A fee of \$1.00 will be charged those who register after the regularly designated days.

A fee of fifty cents will be required from those who fail to return registration card within the allotted week or for any change in registration after the second week.

ATTENDANCE AND ABSENCE FROM CLASSES.

Prompt and regular attendance at all exercises is considered essential to the best interest of the student. A student who, for any reason, is absent from 10 per cent of his class exercises (including laboratory periods) in any course is debarred from credit in that course until the work is made up to the satisfaction of the instructor in charge. If ten absences occur in all courses for which no satisfactory excuse can be given, the student's parents are notified. If fifteen unexcused absences, including those from chapel and from gymnasium, occur in one semester, one hour is deducted from his credits for that semester.

EXAMINATIONS AND THE HONOR SYSTEM.

The honor system adopted by vote of the Student Body consists of the rule that examinations, in particular, are conducted without especial supervision in the class room by the instructors; but the students are placed on their honor

and required to sign at the end of their examination papers the following statement: "I have neither received nor given aid in writing this paper."

Administration of the honor system is in the hands of the Student Senate. Breaches of honor are punished by a vote of the senate, subject to revision by the faculty. In cases of first offense, the observer of the offense is expected not to report to the Student Senate, but to make a protest to the offender. Repeated offenses, however, must be reported to the Student Senate.

GRADING AND REPORTS

Reports are sent each month to the Registrar of the College; students whose work is rated "poor" are notified at once and required to take steps to bring their work to proper standard.

In determining the average standing for a semester the average daily standing will count two-thirds, and the final examination one-third.

Students' grades are reported by letter signifying the following percentages: A, 90-100; B, 80-89; C, 70-79; D, 60-69. C is the lowest passing grade, only 30 hours of which may count toward graduation; D is a "condition" and may be made up within the year; otherwise the entire work must be taken in class. E denotes failure and the work must be taken over in class in order to secure a grade in that subject.

"Incomplete" means that some essential part of the course has been omitted, but that otherwise the work in general has been of passing grade. It is expected that such work shall be made up within one month after the student returns. Otherwise it becomes a condition.

HONORS IN SCHOLARSHIP

Honors in scholarship may be obtained by special excellence in the work of the course and by special work and high grade in a particular department. The names of students who receive honors are announced in the annual catalog.

SCHOLARSHIP HONORS. There shall be published at

the close of each semester a list of "honors". Those who have received a grade of "A" in all subjects at the close of any semester shall be designated as receiving "first honors." Those who receive "A" in at least two-thirds of their work, and not less than "B" in the remainder, shall be designated as receiving "second honors."

Those who receive first honors for the two semesters of the college year are designated as "First Honor Students" of their respective classes, and their names published in the College Bulletin indicating honors in the following order:

First Honor Students:

Senior Class.

Junior Class.

Sophomore Class.

Freshman Class.

Students who have received a grade of "A" in ninety semester hours of work with no grade below "C" and those who have completed eighty hours of "A" work and twenty-five hours of "B" work with no grade below "C" shall be designated as receiving College Honors in Scholarship, and be presented with an appropriate badge or emblem.

GRADUATION HONORS. Seniors will be graduated with the honors: *summa cum laude*; *magna cum laude*; and *cum laude*. Students who during their freshman, sophomore, junior and senior years have achieved a general average of 95 per cent or over, will be granted the honor, *summa cum laude*; those whose general average is from 91 to 94 per cent, inclusive, will be granted the honor *magna cum laude*, and those whose general average is from 88 per cent to 90 per cent inclusive will be granted the honor *cum laude*.

DEPARTMENTAL HONORS. Departmental honors will be granted under the following conditions:

1. All candidates must notify the head of the department in which they desire honors on or before May 30th of their Junior year.

2. No person may become a candidate for honors in two departments, except by a vote of the faculty.

3. All candidates for honors must be candidates for a degree and in full standing with their classes.

4. Candidates must not fall below a grade of "B" in more than 15 hours, and must obtain a grade of "A" in the department in which honors are sought.

5. Candidates must have majored in the department in which honors are sought, must perform, in addition to the major, assigned work equivalent to eight semester hours and do such collateral work as the professor in charge of the department shall assign. The results of this special collateral work must appear in a thesis of satisfactory length. The thesis will be read before the head of the department and two other professors whom the President shall appoint. It must be handed in not later than May 20th, and its grade must be reported to the Registrar not later than June 1st of the year in which honor is to be awarded.

DEGREES

BACHELOR OF ARTS. The Degree of Bachelor of Arts will be conferred upon those who complete 120 semester hours as indicated under limits of work. At least one year of resident study is required of all candidates for the Bachelor's Degree. The fee for diploma is \$5.00, payable in advance.

MASTER OF ARTS. The Master's Degree in course may be conferred upon the following classes of students:

1. Graduates of this or any approved institution of learning of equal rank who have received the corresponding Bachelor's Degree, and who have taken one year's approved graduate study, at least one semester of which must be in residence—pursued in at least two departments—and who have passed satisfactory examination in each subject and presented a satisfactory thesis.

2. Graduates of Pacific University who have completed two years of non-resident graduate study, other than professional in at least two branches, under the direction of the faculty, and who have passed an examination in each subject and presented a satisfactory thesis.

The fee for diploma is \$5.00, and in case of resident study the tuition shall be the same as that required of undergraduates.

The higher degrees given above are based on a four years' college course.

EXTRA-CURRICULAR ACTIVITIES

It is the policy of the College to encourage freely participation in athletic sports, forensic contests and the other lines of activity of college life that lie outside the prescribed curriculum. While recognizing fully the value of such extra curricular activities, it is nevertheless believed that no student can afford to engage in them to such an extent that his studies suffer thereby. It is also desirable that all students receive some training from the holding of office or other active participation in the management of student affairs.

The faculty, therefore, reserve the right to determine the number and character of the activities in which each student may engage; and has adopted regulations to that end (taking account of the grades of the student and the work of the office). This arrangement, it is believed, will secure a good distribution of collegiate responsibilities among all the students and a proper balance of interests in the case of each student. Copies of these regulations may be secured by application to the Registrar.

Description of Courses

BIBLICAL LITERATURE

A liberal education is not complete without a more intimate knowledge of the Bible than is possessed by the average person today. In fact the ignorance of that great Book is a reproach to our generation. Pacific University therefore requires at least four credits in Biblical literature for graduation.

BIBLE 1. THE BEGINNINGS OF CHRISTIANITY. Deals with the first Christian century, with an intimate study of the book of Acts, and the missionary journeys of Paul. *Two credits, first semester.*

BIBLE 2. THE SOCIAL TEACHINGS OF JESUS. A study of the social bearing and significance of the sayings of Jesus, and a study of modern governmental theories in the light of the teachings of Jesus. *Two credits, second semester.*

BIBLE 3. THE GREAT TEACHERS OF JUDAISM AND CHRISTIAN-

ITY. Takes up types of teachers and teaching methods of Israel's prophets, priests and wise men. *Two credits, second semester.*

BIBLE 4. THE PROBLEM OF SIN AND AFFLICTION. Based on an analytical study of the book of Job. *Two credits, second semester.*

BIOLOGY

PROFESSOR BEAN.

The laboratory for the Department of Biology is on the first floor of Science Hall. The equipment includes instruments and supplies for general use, dissecting microscopes, compound microscopes with stage and eyepiece micrometers, camera lucida and immersion objective, a Zeiss binocular, a rotary microtome of the latest and most approved type, a sliding microtome for celloidin sections, paraffin bath, thermoregulator and a good supply of reagents and stains. A supply of skeletons of typical forms for comparative study has recently been added, also an outfit of instruments for the work in experimental physiology.

There is besides a large supply of preserved material for class work and specimens in jars for purposes of illustration. A well-selected reference library is available to all students and is freely used.

1, 2. ZOOLOGY. The morphology and relations of animals and the general principles of classification. Three recitations or lectures and two laboratory periods a week. Laboratory fee, \$4.00. *Five credits, each semester. M. W. F. 11:10, Lab. T. Th. 1-4.*

3. HISTOLOGY. The microscopic study of the normal tissues, with reference to the entire organ and their physiological significance in the body. Two lectures per week, required reading and laboratory work. Laboratory fee \$4.00. *Five credits, first semester. T. Th. 11:10, M. W. F. 1-4. (Not offered 1915-16.)*

4. EMBRYOLOGY. The general principles of development with special reference to the batrachian, bird and mammal. Must be preceded by course 3. Laboratory fee \$4.00. *Five*

credits, second semester. T. Th. 11:10, M. W. F. 1-4. (Not offered 1915-16.)

5. COMPARATIVE ANATOMY. Anatomy of the vertebrates with more especial reference to mammals. Two lectures and three laboratory periods. Laboratory fee \$4.00. *Five credits, first semester. T. Th. 11:10, M. W. F. 1-4.*

6. EXPERIMENTAL PHYSIOLOGY. Lectures with laboratory experiments and demonstrations. Chemistry and a knowledge of elementary physics are required. Laboratory fee \$4.00. *Five credits, second semester. T. Th. 11:10, M. W. F. 1-4.*

8. SANITATION. A study of the conditions affecting the health in home, community and state. Lectures, assigned readings, reports. Prerequisite, Biology 1 and 2, or 9. *Three credits, second semester. M. W. F. 9.*

9. PHYSIOLOGY AND HYGIENE. A more general course in human physiology. Two recitations or lectures and one laboratory period of 2½ to 3 hours. Students who have not taken Biology 1 and 2 will be required to dissect a cat or other small mammal in advance of other laboratory work. Laboratory fee \$2.00. *Three credits, first semester. M. F. 9, Lab. W. 1-4.*

10. ORNITHOLOGY. An elementary course in bird study and designed to give the student an understanding of the bird's place in nature as well as a knowledge of the birds of the locality. One lecture per week and two laboratory periods or field excursions. The student should provide opera or field glasses for this work. Laboratory fee \$3.00. *Three credits, second semester.*

11. BOTANY. A study of the morphology and development of plants, types of the greater groups, beginning with the simplest forms studied in field and laboratory. Laboratory fee \$3.00. *Three credits, first semester.*

13-14. HISTORY AND LITERATURE OF BIOLOGY. A seminar course designed to acquaint the student with the development and growth of Biological Science. Open only to students doing major work in this department. *One hour's credit, each semester. At hours to be arranged.*

BUSINESS COURSES

Whatever the line of work to be followed as a life occupation, every man and woman should have at least the fundamentals of business training. While Pacific University does not undertake, and does not believe it should undertake, to give a complete technical business course, it offers certain fundamentals of use to every business man. Everyone should know enough of the principles of Commercial Law to be able to deal intelligently with the business world. One of the greatest aids to the business or professional man of this age is the ability to put down, in legible shorthand, memoranda of any matter before him for consideration. The demand is constantly being made for young men and women who are expert typists.

The advantages of attending such a college as Pacific University for commercial instruction are many. Commercial students have the same privileges of the Library, Gymnasium, Literary Societies, and other student organizations as those enrolled in collegiate work. And it is worth much for the upbuilding of character and moral fibre to associate with such people as are to be found at Pacific. In addition to this, commercial students may, for a small fee, pursue some subject in the collegiate courses in which they may be interested.

1. **SHORTHAND.** We offer the famous Gregg system of Shorthand, the most generally taught system in America. The first semester is devoted to the mastery of the theory of shorthand, the fixing of the underlying principles in the mind of the student. The second semester is given to advanced theory and dictation; to working up a shorthand vocabulary and attaining speed for actual work. The possibilities of advancing with this system of shorthand are such that a student has no opportunity to lose interest in this work. *Five hours, each semester.*

2. **TYPEWRITING.** The touch method of typewriting is taught, beginning with the finger action that is easiest, and advancing to the most difficult of typewriting work, with continually in mind the absolute mastery of the keyboard of the machine as well as an understanding of its simpler mechanical construction. Students, at the end of the year,

are expected to write from 50 to 60 words per minute on practice matter, and from 30 to 40 words per minute on transcript and new matter. By the method of instruction used in our department this can be accomplished, and even surpassed. *Ten hours through the year.*

3. **COMMERCIAL LAW.** A study of the laws that particularly affect business and commercial relations. Text, Lyon's *Commercial Law*. *Two credits, second semester. 9:00, T. Th.*

CHEMISTRY

PROFESSOR LEARNED.

The courses in this department are offered, first, for the purpose of general information and culture, and in the second place to form a stable foundation for students desiring to specialize in scientific work or in engineering. The keeping of proper records is insisted on in all courses, and special effort is made to impress upon the student the importance of neatness, accuracy and thoughtfulness in connection with his laboratory practice and to point out the value of intelligent observation and the ability to interpret correctly the meaning of observed phenomena.

The fees in each course cover all the necessary material and apparatus for the completion of the work, but if apparatus is broken it must be paid for.

1. **GENERAL CHEMISTRY.** Experimental lectures, recitations and laboratory work. The course comprehends a study of the elements of theoretical chemistry and of the non-metals and their compounds. Acids, bases and salts are studied carefully and their formation illustrated. One of the main objects of the course is to give the student a broad appreciation of the importance of chemical processes in the structure of matter and the relations of these processes to life. Laboratory fee \$5.00. *Five credits, first semester, 11:10 M. W. F. Laboratory T. and Th.*

2. **GENERAL CHEMISTRY.** Continuation of course 1. Most of the time in the laboratory is devoted to qualitative analysis. This work includes the reactions of the principal bases and acids, their detection and separation. The student has constantly brought to his attention, by lectures and use of refer-

ence books, the sources and industrial value of the substances which he handles. Laboratory fee \$5.00. *Five credits, second semester. 11:10 M. W. F. Laboratory T. and Th.*

3. QUALITATIVE ANALYSIS. Lectures, recitations and laboratory practice. Special attention is given to the analytical reactions of each acid and base, and to practice in the separation of metals from each other in unknown liquid and solid mixtures. The student is urged to a thorough understanding of his work, and an effort is made to give that accuracy and exactness which makes such a course of great cultural as well as directly chemical value. Laboratory fee \$5.00. *Five credits, first semester. 1:15 T.*

4. QUANTITATIVE ANALYSIS. This is a laboratory course. The use and manipulation of the chemical balance, general laboratory practice and accuracy of measurement are emphasized. The fundamental processes of chemical analysis, both gravimetric and volumetric, are taken up. This course should be taken by students intending to enter the medical profession and by all specializing in science. Laboratory fee \$5.00. *Five credits, second semester. 1:15 T.*

5. CARBON COMPOUNDS. This course consists of three lectures per week on the general principles and theories of organic chemistry, covering the aliphatic series, accompanied by laboratory practice which includes the familiar operations involved in organic work, and the preparation of twenty aliphatic compounds. Prerequisite, courses 1, 2, 3 and 4. Laboratory fee \$5.00. *Five credits, first semester. 8:05 M. W. F.*

6. CARBON COMPOUNDS. Continuation of course 5. Three lectures per week on the compounds of the carbocyclic series, with laboratory work, including the preparation of ten aromatic compounds, and a systematic study of the characteristics reactions involved in organic analysis, with practice in the identification of unknown compounds and mixtures. Prerequisite, course 5. Laboratory fee \$5.00. *Five credits, second semester. 8:05 M. W. F.*

7 and 8. ADVANCED QUANTITATIVE ANALYSIS. Continuation of course 4. Lectures and laboratory work designed to meet the needs of industrial applications chosen by individual students. Technical analysis of iron and steel, fuels, cements,

water, soils, etc. Of value to students looking forward to mining or chemical engineering or to commercial analysis, Laboratory fee \$3.00-\$5.00. *Three to five credits each semester. Hours to be arranged.*

9 and 10. **PHYSIOLOGICAL CHEMISTRY.** Lectures, recitations and laboratory practice including a study of the fluids and tissues of the animal body, with a detailed consideration of the processes of digestion, secretion, excretion, putrefaction, metabolism, etc. Laboratory fee \$5.00. *Three to five credits each semester. Hours to be arranged.*

11 and 12. **FOOD ANALYSIS. MICROCHEMISTRY OF FOODS.** Instruction given in the examination of foods by chemical and optical methods, with reference to adulteration, imitation and alteration; examination of foods for artificial coloring matters, preservatives and poisonous substances. This course comprises a study of milk, comestible fats and oils, cereal products and starch foods, canned goods, jellies, etc. Alcoholic beverages, fermented liquors, etc. Instruction in the use of the microscope in the examination of foods and condiments for the purpose of detecting adulterations and admixtures. Laboratory fee \$5.00. *Three credits, each semester. Hours to be arranged.*

13 and 14. **HOUSEHOLD CHEMISTRY.** A strong course in chemistry, especially suited to young women and more particularly for those who wish a general knowledge of the subject to serve as a foundation for work in domestic science. Attention is directed especially to the chemistry of common things: atmosphere, water, fuels, foods, food adulterants, soaps, textiles, etc. Lectures, recitations, supplementary reading and laboratory work. Laboratory fee \$5.00. *Three credits, each semester. Hours to be arranged.*

ECONOMICS

PROFESSOR CLARK.

No department of College or University instruction has had a greater development during the past ten years than that of Economics. Since it is in simple terms the study of men earning a living, it has a vital interest for every student regardless of his vocational aim. It introduces him to the fundamental processes and principles of modern business or-

ganization and enables him to think intelligently upon the great financial and industrial questions now being discussed by state and national legislative bodies. Courses 1 and 2 are necessary before advanced work in Economics can be taken up.

1, 2. PRINCIPLES OF ECONOMICS. This course deals with the simpler phases of economic theory and current economic problems. *Three credits, each semester. 11:10 M. W. F.*

3. MONEY AND BANKING. A study of the fundamental principles underlying banking, credit, and other financial institutions. *Two credits, first semester. 9:00 T. Th.*

4. ECONOMIC HISTORY. A survey of industrial development in England and America. *Two credits, second semester. 9:00 T. Th.*

5. LABOR PROBLEMS. A study of organized labor and labor legislation. *Two credits, first semester.*

6. SOCIALISM. The causes, nature, and history of the socialistic movement. *Two credits, second semester.*

8. BUSINESS MANAGEMENT. A survey of the organization and methods of modern business, including the business side of farming, manufacture and merchandising, stock and produce exchanges, salesmanship and advertising, with special attention to the principles of efficiency involved in factory management. *Two credits, second semester. 9:00 T. Th.*

9, 10. SEMINAR. Intensive study of special problems, with the preparation of a thesis. Open only to Seniors majoring in the department. *Two credits, each semester. Hours to be arranged.*

EDUCATION

PROFESSOR BATES.

The Legislature of Oregon in 1911 passed a law authorizing the State Superintendent of Public Instruction to issue

certificates to graduates of standard Colleges, giving at least fifteen hours in Education, which would entitle such graduates to teach in the High Schools of Oregon. The law also provides that all four-year High Schools must employ College graduates as teachers. The United States Bureau of Education inspected all Colleges in Oregon with a view to standardization, with the result that seven Colleges have found a place on the standard list. Pacific University is one of the seven and its graduates, therefore, are entitled to High School teaching certificates, if they have had the required fifteen hours of Education.

Additional courses in Education are given in the Department of Philosophy: Psychology, six credits, and Educational Psychology, two credits.

1. HISTORY OF EDUCATION. Early Greek, Roman, Mediæval, and Modern periods of educational development are considered. Three class recitations per week with one hour of research for a paper on a great educator. Required of students who are candidates for life diplomas to teach in High Schools. *Four credits, first semester. 8:05 M. W. F.*

2. SCHOOL MANAGEMENT. Teaching methods and problems of school organization and management are studied. Three recitations per week with one period a week spent in observation of primary, grammar and secondary schools. Teaching practice whenever possible is also arranged for students taking this course. Prerequisite Education 1. *Four credits, second semester. 8:05 M. W. F.*

3, 4. PRINCIPLES OF SECONDARY EDUCATION. A study of the economic, social, and biological bases of secondary education. First hand study of High School problems together with observation and practice teaching. Prerequisite, Education 1 and 2. *Two credits, each semester. 9:00 T. Th.*

6. PROBLEMS OF CHILD WELFARE. Treatment of problems of child labor, retarded, delinquent and defective children. Methods of child saving, parks, playgrounds, juvenile courts, etc. *Two credits, second semester. 8:05 W. F.*

8. SCHOOL LAW. Educational codes of Oregon and Washington. *One credit, second semester. 11:10 T.*

ENGLISH LANGUAGE AND LITERATURE

DR. FARNHAM.

The different courses in language and literature are so planned that a student who wishes to make English the major subject will gain a wide acquaintance with the best writers. Although due consideration is given to literary style the appreciative faculty is developed rather than the critical. The student is trained to judge for himself the basic qualities of good literature. Large use is made of the library, and all courses require direct reading of authors, rather than study about them. Frequent reports both oral and written, develop ease of thought and expression. In addition to those courses that are required of all students a good range of electives is offered in alternate years.

1, 2. DAILY THEMES. These courses presuppose a knowledge of Rhetoric and English Grammar. The aim is to acquire a style that is sincere and natural but at the same time clear and forceful. Aside from specific study in the theme class practice in composition is an important element in literature courses, and practical application is required in the Department of Public Speaking. Daily themes on the basis of a paragraph; occasional long themes; lectures; criticism of themes in class, and individual conferences. Not open to freshmen except by consent of instructor.

1. Daily Themes to develop good style in writing by means of studies based on experience and observation.

2. Current events in the form of short editorials and reports. It is the aim of this course to meet the special needs of journalistic work. It is expected that the two courses shall be taken in sequence. *Two credits, each semester. 8:05 T. Th.*

5, 6. THE DEVELOPMENT OF ENGLISH LITERATURE. This course is supplementary to High School study, and is a prerequisite of all other courses in English Literature. The earlier stages in the development of the literature are taken in rapid review with a study of important translations of works of the formative period. Intensive study begins with the Elizabethan period and is continued through the eighteenth century as introductory to the romantic literature of the early nineteenth. Required of freshmen in all groups unless

satisfactory evidence of an equivalent course is presented. In such a case some other course must be substituted. *Three credits, first semester. 10:15 M. W. F.*

6. AMERICAN LITERATURE SINCE THE CIVIL WAR. This course presents a careful study of formative influences which have created a characteristic though varied literature in North America. The different geographic groups are studied with due reference to influences that shaped the literature in each section of the United States. Readings, lectures and discussions help the student to form an independent opinion of twentieth century literature in his own country. *Three credits, second semester. 10:15 M. W. F.*

7, 8. GREAT MAKERS OF ENGLISH POETRY. These courses give an acquaintance with the development of English verse. A study of linguistic changes accompanies the reading of poetry selected for illustration. Required of all students who elect English as the major subject.

7. The course opens with a study of *Beowulf* and *Piers the Plowman* and other illustrative readings. Emphasis is given both to verse form and linguistic changes. *Two credits, first semester, 1916-1917. 2:10 W. F.*

8. This course follows 7. Through selections from *Chaucer* and *Spenser* the study of verse forms and linguistic development is continued. *Two credits, second semester, 1916-1917. 2:10 W. F.*

9, 10. SHAKESPEARE. These courses consist of a critical study of representative plays of Shakespeare. They may precede or supplement the work in dramatic expression in the Department of Public Speaking. *Three credits, each semester. 1:15 M. W. F.*

11, 12. NINETEENTH CENTURY POETRY. These courses give a conception of the intellectual and imaginative development of the nineteenth century through the study of leading poets in relation to their environment and time. Lectures and collateral readings with frequent reports, and a critical study by each student of some assigned subject in connection with the course. These courses may be taken separately unless they are selected by students who make English Literature a major

subject.

11. Poetry of the first half century.

12. Poetry of the second half century. *Three credits each semester. 2:10 T. Th.; written reports take the place of the third hour.*

13, 14. NINETEENTH CENTURY PROSE. These courses give a comprehensive study of leading prose writers in connection with political and religious changes in the nineteenth century, with their influence upon the literary style of English prose. These courses may be taken separately unless they are selected by students who make English a major subject.

13. Beginning with the Reviewers to the close of the first half century. (Omitted 1916-1917.)

14. Prose of the second half century. *Two credits each semester.*

15, 16. COMPARATIVE LITERATURE. Because of the use of classic literature by English writers courses which comprise a comparative study of great epic poems and dramas are recommended.

15. Ancient Classical Epics. *Three credits, first semester.*

16. Renaissance and Modern Poetry of Europe, beginning with *The Divina Commedia of Dante*. *Three credits, second semester. 8:05 M. W. F. each semester.*

17. ENGLISH ALLEGORY AND ROMANCE. This course prepares the student for the study of English Fiction. Lectures and readings. *Three credits, first semester. 9:00 M. W. F.*

18. THE ENGLISH NOVEL. This course is designed, through the study of English and American story writers, to enable the student to discriminate the best works of fiction. *Three credits, second semester. 9:00 M. W. F.*

19, 20. SOCIAL IDEALS IN ENGLISH LITERATURE. The aim of these courses is to present the social ideals which, from time to time, have found expression in English Literature. They are especially recommended to students who elect History and Political Science as major courses.

19. A comprehensive study of social ideals from the time of Langland will be made in the first semester.

20. A detailed study of ideal commonwealths will be made in the second semester. *Two credits, each semester, 10:15, T. Th.* (Omitted in 1916-1917.)

21, 22. CONTEMPORARY DRAMA. These courses have been given in 1915-1916 in order that the student may be familiar with representative work of contemporary dramatists. Dickinson's *Contemporary Dramatists* furnished the outline for study and discussion.

21. Representative plays by English, Irish and American playwrights. *Three credits, first semester.*

22. Plays by Hauptmann, Sudermann, Brieux, Hervieu, Maeterlinck, and other contemporary European playwrights. *Three credits, second semester.* (Omitted in 1916-1917.)

FRENCH

MISS BAGSTAD.

The aim of this course is to give the student not only a reading knowledge of French but some practical use in speaking and writing, and an introduction to French Literature. So far and fast as possible, French will become the language of the class-room. A major in Modern Languages must contain at least 18 hours in one language, beyond the preparatory year in college, or beyond two years of high school work.

1, 2. BEGINNING FRENCH. Grammar, *Fraser and Squair*. Drills in pronunciation, oral and written exercises, dictation, memorizing of proverbs and fables, special attention to irregular verbs. Reading of 150 pages easy French. *Five credits, each semester. 2:10.*

3, 4. SECOND YEAR. Grammar Work and Memorizing Continued. Reading of about 300 pages of modern prose; stories and plays to be selected. *Three credits, each semester. 8:05, M. W. F.*

5, 6. THIRD YEAR. Reading and study of masterpieces of French classic literature, ancient and modern, including both prose and poetry. The texts read will be varied from year to year to give opportunity for additional work in the subject. From 400 to 600 pages must be read. The requirement of

French prose work will be at the discretion of the teacher. All class work oral and written, is in French. *Three credits, each semester. M. W. F. Hours to be arranged.*

GEOLOGY

PROFESSOR BEAN.

2. The work of this course comprises the study of Norton's *Elements of Geology*, examination of minerals and fossil types in laboratory, and field trips. At least three Saturday class excursions required, as well as shorter trips to near-by points. A fee of \$2.00 is charged for this course. *Three credits second semester.*

GERMAN

MISS PENFIELD.

The aim of this course is to give the student some practical use of the language while introducing him to German Literature through carefully selected reading material. So far as possible, German will be the class-room language. A major in Modern Languages must contain at least 18 hours in one language beyond the preparatory year in college or two years of high school work.

1, 2. BEGINNING GERMAN. Grammar, Bagster-Collins *First Year in German*. Drill in pronunciation, oral and written exercises, dictation, memorizing of songs and poems. Reading of at least 100 to 150 pages of easy German. *Five credits, each semester. 9:00.*

3, 4. SECOND YEAR. Bishop and McKinlay *Deutsche Grammatik*. Grammar continued and reviewed in connection with composition based on texts read; these to include about 400 pages of Modern German. *Three credits, each semester. 11:10 M. W. F.*

5, 6. THIRD YEAR. Reading and study of 600 to 700 pages of moderately difficult German in both prose and verse. The texts read will be varied from year to year to give opportunity for additional work in the subject. German prose work will depend upon the needs of the class. *Three credits, each semester. M. W. F. Hours to be arranged.*

GREEK

PROFESSOR TAYLOR.

The courses in Greek are planned to give first hand acquaintance with the best known and most prominent writings of that language and a real acquaintance with the life and work of a people by whom our intellectual as well as our artistic ideals have been and are being most largely inspired.

A large number of our ordinary words are Greek. The New Testament manuscripts are in Greek. The terminology of Botany, Physiology and Medicine are largely from that language. The right teaching of Latin depends much on a knowledge of Greek. These are some of the many reasons immediately practical for taking up work in this department.

1. GREEK HISTORIANS. Selections from Herodotus and Thucydides. Drill on Attic forms and constructions and introduction to Ionic forms. *Two credits, first semester. 8:05, T. Th.*

1a. ELEMENTARY GREEK. The main principles of the language, planned to give in one semester a basis for reading of Greek. With Course 2a it gives college students an opportunity to prepare in one year for reading Greek 1. Designed for students having already had four years of foreign language study. *Five credits, first semester. 1:15 every day.*

2. GREEK PHILOSOPHERS. Selections from Plato. *Two credits, second semester. 8:05, T. Th.*

2a. ELEMENTARY GREEK. Continuation of 1a. Xenophon's *Cyropedia* with composition exercises. (See Course 1a.) *Five credits, second semester. 1:15, every day.*

3. HOMER. Two books of Iliad and one of Odyssey. Scansion, Homericisms, and the study of the author and his times. *Four credits, first semester. 10:15, M. T. Th. F.*

4. GREEK ORATORS. Select orations of Lysias and Demosthenes. Attention to study of Athenian legal procedure. *Four credits, second semester. 10:15, M. T. Th. F.*

5. GREEK LIFE AND CIVILIZATION. A study largely or wholly in English, designed to give direct acquaintance with Greek life and thought—so potent a factor in modern living. *Three credits, first semester.*

6. GREEK TRAGEDY. Sophocles' *Antigone* and Aeschylus' *Prometheus Bound*. Attention to the history and importance of Greek Drama. *Three credits, first semester.* (Not offered in 1915-16.)

6a. GREEK LYRIC POETS. Pindar. Selected odes, or equivalent work. *Two credits, second semester.* Time to be arranged.

Note.—Greek 2a may be counted on a major or minor, in Greek.

HISTORY OF ART

DR. FARNHAM.

To help the student to form for himself a more intelligent appreciation of the different forms through which the artistic sense has found expression, courses are offered in the History of Art. Whenever it is possible to arrange for skilled instruction, studio courses are also offered. Only by personal effort are the underlying principles of art really comprehended. However, as a cultural subject, whether theoretical or practical, even a short course in art study will awaken a more discriminating appreciation of the masterpieces in galleries and museums. Such study also enables one to choose with a finer sense of aesthetic values pictures for the home. The following courses in the History of Art aim to familiarize the student with the best works of art as a preparation either for a visit to Europe, or to give a better enjoyment of copies and prints. Lectures, readings, study of photographs and prints furnish ample opportunity to acquire a good general knowledge. The Library of the University supplements the work of the classroom by a good selection of books illustrative of the general study.

1. HISTORY OF ARCHITECTURE. A comprehensive sketch of earliest form is followed by more detailed study of leading styles, chronologically considered, with the differences climate, social and political ideals have developed. Lectures, study of prints and photographs, and readings from various authors. *Two credits, first semester.*

2. HISTORY OF SCULPTURE. The history of classical sculpture in Greece and Rome is followed by Renaissance character-

istics, and a study of some of the more important features of present work Sources as in Art 1. *Two credits, second semester*, (Courses 1, 2 will not be offered in 1916-1917.)

3. *Italian Painting.* This course offers careful study through photographs and prints, of the great masters in Italian art. Aside from illustrations, Reinach's *Apollo*, lectures and readings cultivate appreciation of the masterpieces studied. *Two credits, first semester. 9:00 T. and Th.*

4. MODERN PAINTING. Through photographs and prints, and other sources suggested in Italian painting the study of modern painters supplements course 3. *Two credits, second semester. 9:00, T. and Th.*

HOME ECONOMICS

MISS MONROE, MRS. BUSHNELL

With the rapid expansion today of the practical interests and responsibilities of women it is becoming increasingly important and necessary for the institutions of higher education to supply courses for women to meet these demands. So it is for two allied purposes that the following courses in Home Economics are offered. One is to give the young women in the College clear ideas and practical skill in handling the special technical work of woman in the arts of home making. The other is a more general cultural purpose, to give a higher conception of the arts of the home and a more spiritual idea of the common things of life.

A student studying for the A. B. degree can either major or minor in domestic science, or in domestic art, or in both. The broad course of study here suggested aims to assist the young women to become good business women, not merely "good cooks"; to make them good, progressive citizens, not merely "good housekeepers." Thus emphasis is laid not merely upon the technical work of cooking, sewing, etc., but also upon the artistic, moral and spiritual factors, such as home decoration, home entertainment and the training of children.

1A. ELEMENTARY SEWING. An elementary course for those who have not had sewing in high school. Instruction will be given in the use of the sewing machine and all its attachments. The fundamental principles of hand and machine sewing ap-

plied to household linens and undergarments. Darning, patching, and care of clothing will be considered. No college credit is allowed for this course but if it has not been previously covered, it must be taken before or in connection with sewing I, to the amount of two hours per week for one semester.

1, 2. SEWING AND TEXTILES. These courses include the study of textile fibers, and of the textile industries in their relation to the home, such as the development of spinning and weaving, the process of manufacture of the various textile fabrics and their suitable use and economic value. Special emphasis will be placed on the study of cotton, linen, silk and wool. Lectures and assigned readings will be given.

The textile laboratory will include the study and making of basketry, both reed and raffia, the planning and making of a rug, and definite study of the loom. It will also include the selecting, testing, dying and laundering of textiles.

The sewing laboratory work includes drafting of patterns, making of undergarments, tailored waist, kimona and simple lingerie dress. Laboratory fee \$2.00. Prerequisite Course 1A. *Five credits, each semester; two lectures and two sewing and one textile laboratory period per week.*

3, 4. DRESSMAKING AND TEXTILES These courses include a study of the rise of the Factory System, economic phases of textile production; the work of the Consumers' League, sweatshop problems and factory legislation in relation to woman and child labor; history of costume; study of artistic, economic, hygienic dress, with application of principles of design, color combinations, proportions and trimmings; study of patterns and materials from aesthetic and economic standpoints.

The laboratory work includes the planning, selection of material, and making of lingerie waist, wool dress, silk dress, cotton and linen dresses. Laboratory fee \$1.00. Prerequisite Courses 1, 2. *Three credits each semester. One lecture and two laboratory periods each week.*

5, 6. EVOLUTION AND CARE OF THE HOME. These courses deal with the history, location, construction, drainage, water supply, disposal of waste, heating, lighting, ventilation and care of the home. Also the planning, decoration, furnishing

the home, including study of walls, floors, windows in relation to color-scheme, materials to be used and expenses. It is aimed to give the home maker experience in selecting of furnishings and furniture as well as the care of the house. The furniture of previous periods and that of the present day will be studied.

The second semester especially deals with domestic income, accounting, home management and social usages in the home. Laboratory fee \$1.00. Prerequisite 1. 2. *Three hours each semester.*

7. ELEMENTARY COOKING. This is an elementary course for those who have had no high school training in Home Economics. It is an introduction to the study of foods. The laboratory work is the preparation of common foods and study of suitable food combinations. No college credit is allowed for this course but if it has not been previously covered, it must be taken before or in connection with Food Preparation to the amount of two hours per week for one semester. Laboratory fee \$2.00.

9, 10. FOOD PREPARATION. A study of the methods of cooking and the principles underlying the cooking of carbohydrates, fats and proteins. A complete course in practical, scientific cooking and serving of foods, especial emphasis being placed upon economy, accuracy, neatness and skill. The class prepares all common foods in several ways and serves simple meals, making study of cost; also the study of preservation of foods.

The recitation work will include a study of food principles; their occurrence, production, transportation, preparation, manufacture, chemical composition, digestibility, nutritive value, cost and correct method of combining and cooking. Also especial emphasis will be placed on the work of national, state and municipal pure food laws and their enforcement. Marketing and selection of food will be practiced as well as studied. There will be preparation and serving of single meals. Laboratory fee \$5.00 each semester. Prerequisite, Chemistry 1. *Three credits, each semester. Two recitations, one laboratory period per week.*

11, 12. FOOD AND DIETETICS. These courses offer a critical study of food materials from chemical, physiological and eco-

onomic standpoints. There will be a definite study of dietary standards and metabolism of carbohydrates, fats and proteins and a scientific study of food materials in their relation to daily dietary of families under various conditions of health and environment. A comparison of nutritive values of common foods will be made by planning, serving and computing dietary value of meals at a specific cost and for specific nutriment.

Prerequisites 9, 10 and Physiological Chemistry, Biology, Chem. of Foods. Laboratory fee \$5.00. *Five hours each semester. Three recitations, two laboratory periods per week.*

13. **THEORY AND PRACTICE OF TEACHING HOME ECONOMICS.** This course includes the study of the place of House Economics in the modern school curriculum, its corelation with other subjects, the planning of courses of study, methods of presentation, planning and estimation of cost of equipping laboratory, and collection of displays in Home Economic materials. Laboratory work consists of observation and practice teaching. Prerequisites 3, 4, 11, 12. *Three hours, first semester of Senior year. Two recitations, one laboratory period per week.*

14. **HOME NURSING.** This course will include the study of different diseases with which the home nurse may come in contact and a definite study of diets for the sick. The home nurse, her duties and characteristics, daily care of patient; bathing, dressing, and administering food and medicine; care of sick room, furniture, temperature and ventilation; contagion and infection, isolation, disinfection, and emergency treatment in the home. Prerequisites 11, 12. Laboratory fee \$2.00. *Three credits, second semester. Two recitations, one laboratory period.*

LATIN

PROFESSOR TAYLOR.....

A fundamental value of Latin is its help to understand the host of Latin derivatives in common English. Latin gives a grounding in the common principles of language and is the readiest key to the Romance languages. It is a fact that Latin was the sole language of Western scholarship for over a thousand years of our era and that in ecclesiastical, medical and legal lines, Latin was long supreme and is still much used. Facts like this make a continued study of this lan-

guage especially important for a broad or technical education.

The following courses are planned to offer a taste of the best of Latin Literature to give reasonable readiness in reading, familiarity with the roots and principles of the language and a general acquaintance, at first-hand, with an important people.

A. ADVANCED COURSES.

1. LIVY. Book XXI and selections to equal one-fourth of Book XXII. Review of grammar and constructions. Drill in sight reading. *Three credits, first semester. 9:00, M. W. F.*

2. HORACE. Selected odes and epodes. Particular attention to prosody and literary merits. *Three credits, second semester. 9:00, M. W. F.*

3. TACITUS. *Germania* or *Agricola* read carefully. Drill in sight reading. *Two credits, first semester. 9:00, T. Th.*

4. PLINY'S LETTERS. Selected letters studied and others read at sight. Collateral readings on Roman social life. *Two credits, second semester. 9:00, T. Th.*

5. ROMAN COMEDY. Terence's *Phormio* or an equivalent from this author or Plautus. General study of the Roman Drama. *Two credits, first semester. 11:10, T. Th.*

6. QUINTILIAN. Book X, or equivalent selections. General discussions of educational methods of the first century A. D. *Two credits, second semester. 11:10, T. Th.*

7. CICERO. *De Senectute* and selections from *De Amicitia*. Discussions on the thought of the time of Cicero. *Three credits, first semester. 11:10, M. W. F.*

8. TOPOGRAPHY AND MONUMENTS OF ANCIENT ROME. Work based on a text book in English with outside references and readings in Latin and English. *Three credits, second semester. 11:10, M. W. F.*

B. COURSES IN THE PREPARATORY FIELD.

While prospective students are advised to take their preparatory Latin (especially the first two years) in the regular preparatory school where more time can be allowed for it, the

number who have not the opportunity or inclination to take up the subject in their earlier educational course has made it seem wise to offer the following courses on a college basis.

1a. BEGINNING LATIN. This is a course designed to offer students who have full college preparation or are particularly apt in language study a college beginning course in Latin. Classes are expected to complete the 79 lessons of D'Ooge's Latin for Beginners or an equivalent text. *Five credits, first semester. 3:05. Meets every day.*

2a. BEGINNING LATIN. A semester course in Caesar. This course is designed to follow Latin 1a and the class is expected to read two and one-half or three books of Caesar or an equivalent amount in approved lines of similar Latin. *Five credits, second semester. 3:05. Meets every day.*

1b. PREPARATORY LATIN. A semester course in Cicero for college students with four years of Foreign Language training. Four orations of Cicero, with grammar drill, etc., are expected. *Five credits, first semester. 1:15, every day.*

2b. PREPARATORY LATIN. A semester course in Vergil for college students having four years of Foreign Language training. Four books of the *Aeneid* or an equivalent with prosody constructions, etc., are expected. *Five credits, second semester. 1:15, every day.*

Note. Latin 1b or 2b may be counted on a major or minor in Latin.

MATHEMATICS

PROFESSOR WEST.

The traditional method of teaching Mathematics has been to present it under several distinct heads. This method has accomplished good results in some ways, and has produced many excellent mathematicians. But it has some serious disadvantages. It fails to give the student an adequate idea of the interdependence of the various parts, often makes impossible the best adaptation of the theory to the practical problem at hand, and also makes impossible a general knowledge of the content and general utility of higher mathematics without a two or three years' course.

The course in mathematics has been so arranged that those taking Math. 1-2 will have a birdseye view of the scope and utility of the subject as a whole. In the succeeding courses, listed under special heads, the work has been arranged so that a harmonious development will follow.

A course in College Algebra will be offered, elective in place of Math. 2, for the benefit of those who desire it as a preparation for engineering.

1, 2. INTRODUCTORY COURSE IN MATHEMATICS. A brief but comprehensive study of the essential parts of algebra and trigonometry, discussion of the simpler concepts of analytic geometry and the calculus, together with the solution of many problems of a practical and interesting nature. An attempt will be made to make this as nearly a general culture course in mathematics as is consistent with an adequate preparation for the following courses. No credit given for less than a year's work with the exception of those taking Math. 2a. *Four credits, each semester. 10:15, M. T. Th. F.*

2a. COLLEGE ALGEBRA. Brief review of factoring and its applications, binomial theorem, quadratics, surds and imaginaries, progressions, mathematical induction, determinants, logarithms, and theory of equations.

3, 4. ANALYTIC GEOMETRY AND CALCULUS. A study of loci and their equations; discussion of the equations of a straight line, circle, parabola, ellipse and hyperbola; a brief treatment of higher plane curves; determinants, permutations and combinations, complex numbers, numerical equations; a presentation of all forms of differentiation and integration with applications. Prerequisites: Mathematics 1-2. *Five credits, each semester. 9:00, M. T. W. Th. F.*

5. ADVANCED CALCULUS. A completion of Mathematics 3-4, comprising also solid analytic geometry and a brief treatment of differential equations. Prerequisites: Mathematics 3-4. *Five credits, first semester. Hour not scheduled.*

6. MECHANICS. Statics, including rectilinear and curvilinear motion, accelerations in a rigid body, relative motion, mass, density and center of mass; force, energy, concurrent and parallel forces; kinematics and kinetics, including free

and constrained motion of a particle and moment of inertia. Prerequisites: Mathematics 3-4. *Five credits, second semester. Hour not scheduled.*

7, 8. MECHANICAL DRAWING. The course includes instruments and their use, elementary constructions, working drawings, orthographic projection, with practical work. *Three credits, each semester. Hour not scheduled.*

9. DESCRIPTIVE GEOMETRY. Representation of the point, line, plane, curved lines, and surfaces with problems relating to them; perspective and isometric projection. Prerequisites: Mathematics 1-2, 3-4, 7-8. *Five credits, first semester. Hour not scheduled.*

10. ASTRONOMY. A descriptive and historical course in astronomy the aim of which is to give the student some of the methods and results of astronomical research. The course includes, besides regular text work, outside reading and recognizing of some of the prominent constellations. Prerequisites: Mathematics 1-2 and Physics. *Five credits, second semester. Hour not scheduled.*

11, 12. SURVEYING. The course consists largely of field work together with the use and care of instruments, including practice in chaining, leveling, use of the transit, with computation of areas and earthwork calculations. Prerequisites: Mathematics 1-2. *Three credits, each semester. Class work 3:05 M., field periods 3:05-5:00 W. F.*

MUSIC

PROFESSOR CHAPMAN.

Credit toward the A. B. degree will be allowed to college students who take the courses in Theory and History of Music in regular classes with the Director of the Conservatory of Music.

HISTORY OF MUSIC.

The "History of Music" has been given in class by the Director the past year, the Pratt History being used as a basis or outline of the study, with much additional, as well as more definite treatment of different subjects and phases of music development. The subject is presented in class in

talks rather than set lectures, with more or less discussion of the same by students and teacher.

The course concludes with a comprehensive written examination and is free to all advanced and professional students who have desired to enter it. The course is comprehensive and treats of all musical development from the earliest ages to the latest and the ultra-modern schools in Europe and America. *Two credits.*

THEORY OF MUSIC.

The work may be outlined as follows:

NOTATION. The Theory of Rhythm and Tonality. Principles of simple chord construction.

HARMONY. Richter's *Principles of Four-Part Composition*; modulations and harmonic accompaniments to selected and original melodies.

COUNTERPOINT. Exercises in adding one, two, three or four voices in simple counterpoint to an original cantus firmus.

Strict and Free Counterpoint, two or four parts—Imitation, Canon, Fugue, Composition.

In connection with this course attention will be given to study of musical form and analysis, also the laws of interpretation. *Two credits.*

A maximum of six semester credits will be allowed to the more advanced students for Practical Music Work, upon recommendation of the Director of the Conservatory and the approval of the Faculty.

PHILOSOPHY

PROFESSOR BATES.

The aim of this department is to lead the student to a knowledge of himself and his relation to the world of thought and feeling and action of which he is a part; to give him an understanding of some of the fundamental concepts that underlie other branches of knowledge, as well as the practical questions of life and conduct; to help him to think for himself in processes of reasoning, in forming moral judgments and in solving the problems of philosophy. Some thoro study

of these subjects is indispensable to the truest and broadest views of life as well as to preparation for more extended professional training.

1. LOGIC. An introduction to the study of the elements of logic, with some reference to the problems of philosophy. The principles of deductive inference and the canons to inductive method are discussed. A course of interest to students of forensics and rhetoric and to those who expect to make further election in philosophy. Text book and frequent exercises. Creighton's *Logic*. *Four credits, first semester*. For sophomores. 8:05, M. T. Th. F.

3, 4. PSYCHOLOGY. A general introductory course, fundamental to further work in the department or in education. Required of all candidates for a baccalaureate degree. Biology 1 and 2 or 18 are recommended as valuable preliminary studies. Angell's *Psychology* is used as a text book, with readings from James and other standard authors, together with class demonstrations and laboratory work. *Three credits each semester*. Open to Juniors and Seniors. 9:00, M. W. F.

6. PEDAGOGICAL PSYCHOLOGY. A text book course in the theory and art of teaching based on psychological and ethical principles. Prerequisites, Psychology 3. *Two credits, second semester*.

5. INTRODUCTION TO PHILOSOPHY. An elementary course designed to introduce the student to the methods and problems of philosophy, with its fundamental conceptions of reality, knowledge, origins, mind, matter, God, freedom, soul, immortality. Lectures and assigned readings. Open to Sophomores, Juniors and Seniors. *Two credits, first semester*.

7. HISTORY OF PHILOSOPHY. The development of philosophy, beginning with the Greeks down to the beginnings of modern philosophy. Special attention is given to Plato, Aristotle, Descartes, Locke and Hume. Prerequisite, Philosophy 3 and 4. Roger's *History of Philosophy* and Source Books. *Three credits, first semester*.

8. HISTORY OF MODERN PHILOSOPHY. A continuation of course 7, with special attention given to Kant, Spencer and present day thought. Roger's text and readings from Kant

and other writers. May be taken with Philosophy 5 only as a prerequisite. *Three credits, second semester.*

10. ETHICS. A study of the facts and problems of the moral life, with a comparison of the principal ethical theories; discussion of practical problems in modern, social and political life and application of principles to conduct. Text book, Drake's *Problems of Conduct*. Required of all candidates for a baccalaureate degree. Prerequisite, Philosophy 1 or 3. *Four credits, second semester, 8:05, M. T. Th. F.*

12. PHILOSOPHY OF RELIGION. A study of religions and religious systems; a comparison of Christianity and other religions; the origin of religion; the proof of the existence of God; the basis of faith; theism and Christianity.

Text books and readings. For Seniors only. *Three credits, second semester.*

For a major in Philosophy, Biology 18 may be included with any of the courses in this department.

PHYSICAL EDUCATION

MR. YAKEL, MISS ENGLISH.

Systematic work in the gymnasium is required of all students in the freshman and sophomore years. The aim of this department is to develop organic vigor, correct posture, graceful action and the co-ordination of mind and muscle. It also tends to produce an interest in recreative and competitive games and the all-round development of the body. The work in the gymnasium consists of marching and calisthenic drills; folk dancing, and aesthetic dancing, and exercises with the light and heavy apparatus. The schedule is two hours per week for each student. Selection is made from the following exercises as may be best adapted to the specific needs of the men and women. Two courses through the year are arranged for the men and two for the women.

1, 2. PHYSICAL CULTURE. Football, track, tennis, baseball, cross-country running, basket-ball, volley-ball, indoor base-ball, indoor track, swimming, gymnastics, including marching, free-hand work, dumb-bells, Indian clubs, wands, elementary work on parallel bars, horse, horizontal bar and

tumbling. *Hours to be arranged.*

3, 4. PHYSICAL CULTURE. Continuation of 2. Basket-ball, volley-ball, track, advanced work in gymnastics, fancy apparatus work, fancy marching and gymnastic dancing, swimming and pyramid building. *Hours to be arranged.*

PHYSICS

PROFESSOR LEARNED.

The work in these courses is designated for students desiring to take work in general physics either for its cultural value or to meet the physics requirement in courses of medicine, biology, chemistry or astronomy. The line of study includes a systematic development of principles together with a consideration of the practical application of the principles to the affairs of ordinary life. Special attention is given to the subjects of mechanics, heat and electricity.

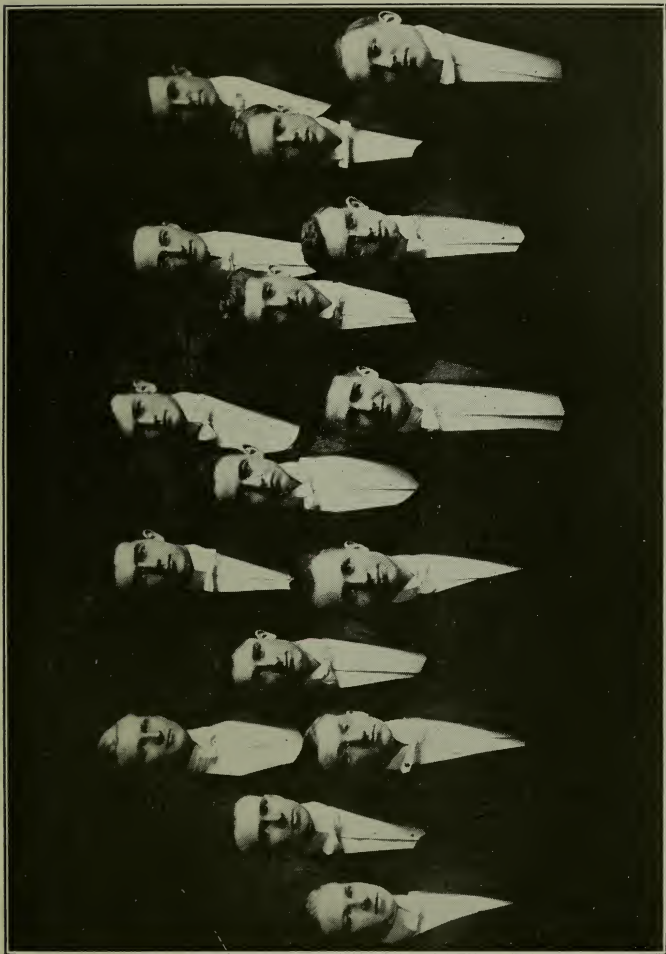
1. GENERAL PHYSICS. The class work, three hours a week, includes the study of mechanics, heat and sound, with five hours of parallel work in the laboratory. The work performed is, from the first, strictly quantitative, it is laid out primarily to teach the student to make accurate measurements, and to impart training in the manipulation of instruments employed in physical investigation. Prerequisites: Mathematics 1 and 2. Laboratory fee, \$5.00. *Five credits, first semester, M. W. F., 10:15. Laboratory T. and Th., 1:15.*

2. GENERAL PHYSICS. Continuation of course 1. Reflection, refraction and polarization of light waves, spectrum analysis, magnetism and electricity with the corresponding laboratory work is taken up the second semester. Laboratory fee, \$5.00. *Five credits, M. W. F., 10:15. Laboratory T. and Th. 1:15.*

POLITICAL SCIENCE

MR. YAKEL.

Every college graduate owes a debt to his state and nation greater than that owed by the ordinary citizen. His superior opportunity has imposed a greater responsibility. The success of such a system of pure democracy as Oregon is now experimenting with depends upon an electorate con-



GLEE CLUB

siderably above the average in morality and intelligence. The study of political science is designed to give a comprehensive view of the political field; to introduce the student to the governmental problems awaiting solution and to acquaint him with the practical workings of political institutions. Perfect freedom of discussion is allowed, but partisan bias is scrupulously avoided. Course 1 is prerequisite to all further study in Political Science.

1. ELEMENTS OF POLITICAL SCIENCE. An introductory course which traces the development of the state from the most primitive forms of political association to modern industrial democracies. *Three credits, first semester. 8:05, M. W. F.*

2. AMERICAN CITY GOVERNMENT. A study of city government in America in which consideration is given to American city problems such as housing, recreation, foreign population, civic health, and financial, industrial and political administration. Prerequisite, Political Science 1. *Three credits, second semester. 8:05, M. W. F.*

3. CONSTITUTIONAL GOVERNMENT. This course takes up not only a detailed study of the Constitution of the United States, but also a comparative study of the constitutions of Great Britain, France, Germany and Switzerland. Prerequisites, Political Science 1 and 2. *Two credits, first semester. 8:05, T. Th.*

4. INTERNATIONAL LAW. A consideration of the International code, with particular reference to the development of international comity and arbitration. Prerequisites, Political Science 1, 2 and 3. *Two credits, second semester. 8:05, T. and Th.*

PUBLIC SPEAKING

PROFESSOR TAYLOR, MISS BAGSTAD.

The work in this department aims to develop the expressive powers of the student; to broaden and strengthen his personality; to quicken his imaginative and dramatic perception, and give practical skill in public speaking.

1. PRACTICAL PUBLIC SPEAKING. Analysis and interpretation of literary selections and actual practice in their decla-

mation. Text of Clark and Blanchard. *Three credits, first semester.* 8:05, M. W. F.

2. ORATORICAL COMPOSITION AND DELIVERY. A continuation of course 2. Includes the formal study of oratorical composition as distinguished from the essay, and thorough instruction in the delivery of satisfactory orations. Text of Edwin Dubois Shuster. *Three credits, second semester.* 8:05, M. W. F.

3, 4. ARGUMENTATION AND DEBATE. The aim of this course is two-fold—first, to produce sound thinkers; second, to train these thinkers in the clear, correct, straightforward and effective oral presentation of their own thought. Texts of Fred Lewis Pattee and William Trufant Foster.

Direct application of the principles of debate will be employed from the first. This includes exhaustive analysis of debatable propositions; formal briefing of subject matter; and class room debates.

One session of two hours weekly. *Two credits, each semester.* 2:10, T. Th.

5. DRAMATIC ART. Platform deportment. Stage business. Pantomime. Preparation and presentation of short plays. Platform deportment deals with the laws governing motion in the human body; correct sitting, standing and walking; entrance and exit; platform methods and traditions. Stage business includes costuming, grouping and tableaux; make-up; lighting and color scheme; stage management, rehearsals and performances. Pantomime presents elementary principles; correction of defects and mannerisms in bodily expression; study of emotion in its effect upon voice and gesture; facial expression. Preparation, etc., of plays includes study of farce, comedy, burlesque, melodrama, tragedy, plot, character incident, denouement; the technique of the drama; dramatic criticism; stage deportment; presentation of scenes and one-act plays. *Three credits, first and second semester.* 9:00, M. W. F.

7. PUBLIC RECITAL. Students electing either of the courses 8 or 9 are given the opportunity to present, in public, the work they have mastered in class. Public programs of Readings and Impersonations, and Public Presentation of Plays by the students of the department, are a regular feature

of the work of the college. This is the very best of practice before the very best of audiences.

SOCIOLOGY

PROFESSOR CLARK.

The work in this department is intended to serve as a partial introduction to a comprehensive study of American society, and the end sought is the training of students to deal intelligently with matters of large public concern. Emphasis is everywhere placed, on the one hand, upon a sound philosophy of social relations, and, on the other hand, upon the actual march of affairs; and the student is constantly stimulated to understand the deep and fundamental trend of events.

1. INTRODUCTORY SOCIOLOGY. A study of the causes which affect the life of society, nature and analysis of the life of society, social evolution, social control, etc. *Four credits, first semester, 8:05, M. T. W. F.*

2. IMMIGRATION. The causes and history of immigration; the character of the immigrant population; present problems; the question of restriction. *Two credits, second semester. 8:05, T. Th.*

3. CITY PROBLEMS. The course includes the study of such subjects as: the growth of cities; city planning; health; police; education; recreation; social centers; etc. *Two credits, first semester. 11:10, T. Th.*

4. RURAL SOCIOLOGY. Characteristics of rural life; rural problems and institutions, etc. *Two credits, second semester. 11:10, T. Th.*

7, 8. SEMINAR. Intensive study of special problems, with the preparation of a thesis. Open only to seniors majoring in the department. *Two credits, each semester. Hours to be arranged.*

SPANISH

MISS BAGSTAD.

The events of recent years, tending to develop closer contact between the countries of Spanish-America and the United States, are making it interesting and profitable to

know the language of our neighbors on the south. The study of Spanish is emphasized in high schools and colleges throughout the country. The Pacific Coast, with its nearness to Spanish-America and its large commercial outlook, should find this language of great value. The aim of the courses as offered is to enable the student to get a good writing and speaking knowledge of the language rather than to study its literary classics.

1, 2. A prerequisite of at least two years of Latin is strongly urged. Elements of Spanish Grammar. Spanish Composition and Conversation Drills. Reading of simple prose. Memorizing. *Five hours through the year.*

3, 4. Study of modern Spanish prose; novels and plays of Roldos, Achergaray and other contemporary writers. Free use will be made of newspapers and magazines; letter writing. *Three hours through the year.*

CONSERVATORY OF MUSIC

PROFESSOR CHAPMAN, DIRECTOR.

General Considerations

The Conservatory of Music, as one of the departments of the University, is under the same general management as the other departments and under the special direction of the Dean of the Conservatory, who, with assistant teachers, offers courses in Voice, Piano, Organ and Violin; also courses in Harmony, Theory, History of Music, Ensemble and Choral Work.

The faculty comprises teachers who are specialists in their several departments and who have had exceptional advantages of study, they themselves having been successful and private pupils of some of the greatest teachers and artists both in America and Europe.

The aim of the Conservatory is to give the best and most comprehensive instruction with the smallest possible expense to the student.

FREE PRIVILEGES. All the recitals by the pupils, the ensemble work, where the pupil is sufficiently prepared, and the

choral work, are free to pupils, a mere nominal fee for sheet music attaching to the latter. The educational value of the free recitals at Pacific University is very great to the music student. During the past year a large amount of the classic literature for the piano and violin has been presented in the recitals. These works embraced many compositions never given in the Northwest before. Students in music desiring to become professional players, teachers or accompanists, are given every assistance possible, both in their study and also in their professional careers when their musical course is finished. This department of the Conservatory is for the training and development of artists. What measure of success has attended the efforts of the Conservatory is attested by those who have heard the more advanced pupils in individual recitals and seen the quality of work presented by those students. But in the belief that music is an important part of the education due every student who desires a broad education, and who wants culture and cultivation in general, the Conservatory also offers less strenuous courses that will enable the student successfully to accomplish other college work each semester. Students receive, free, the benefit of appearing on recital programs several times a year when sufficiently advanced.

NORMAL TRAINING. Training and instruction in the art of teaching will be given in special work where desired. Practical work in this line is open to a few of the most advanced students each year; the instruction is thus given in both a practical as well as theoretical way, in these cases. All the advanced or professional students may have special lessons in pedagogical music work by applying for the same. No medium or beginning pupils are eligible for this work.

The growing demand for music directors in the public schools gives a new importance to voice training. Special work will be given whenever it is desired.

ARTISTS' COURSE. No less important than lessons is the hearing of great artists. The Director expects to present a course of recitals and lectures by foreign and home artists, which will be educational and comprehensive.

ADVANTAGES. Music students who have paid a library fee of \$1.00 have access to the library of the University, which is

fully adequate, musically, for research and study.

The Director will hear the pupils of the first assistant teachers in the presence of the teachers at least once each semester. He will hear the pupils of the second assistant teachers several times each semester. No superficial work will be tolerated in teachers or pupils, and the best artistic results possible will be required by the Director in all departments.

DIPLOMAS. Diplomas are awarded by the Trustees of the University to students who have satisfactorily completed the course in piano, violin or voice. Graduate work is also offered graduate and professional students and teachers. The course is planned for from one to three years, according to the individual requirements of the student.

Candidates for graduation must have completed a course of academic study equivalent to that of a standard high school with a four years' course.

BRANCH STUDIO. The Conservatory has made arrangements to open a branch studio in Hillsboro, Oregon, for the convenience of students who may desire to have the benefits of Conservatory work but are unable to come to the University each week for their lessons. Instruction will be given in piano, voice and violin, in case the demand is sufficient to warrant the formation of classes in these lines of work.

Students in the Branch Studio will have the same careful supervision as the College Conservatory students. They will also enjoy the same privileges in recital work, ensemble, chorus and orchestra, harmony, history of music, etc., as students residing at the University.

This extension movement of the Music Department is in the nature of an experiment. It is confidently expected, however, that it will prove mutually so beneficial to students in Hillsboro and the University Conservatory that it will become a permanent feature of the department.

REQUIREMENTS. Although not compulsory, it is advisable that pupils in all departments take two lessons per week.

No lesson missed by the pupils can be made up.

No pupils are received for less than an entire semester, or *such portion of it as remains after entrance.*

Tuition for the term must be paid in advance, and no deduction will be made for absence unless by special arrangement.

Pupils of the Conservatory are not eligible to appear in any public performance without the consent of both the teacher and the Director.

Each pupil is required to exhibit to his various instructors, during the first week of each term, the Treasurer's receipt for his term bills, or a certificate showing that satisfactory adjustment of them has been made.

Conservatory pupils who are resident in Forest Grove only during the college year are expected to elect one or more studies in the college course.

Pupils may select their teachers, providing the teacher's time is not full.

It is estimated that the average necessary expense for a college year ranges from a minimum of \$225 to a maximum of \$500 for the music student.

For further information address the Dean of the Conservatory of Music, Pacific University, Forest Grove, Oregon.

Courses of Study

THE PIANO-FORTE

PREPARATORY.

Kohler's Method.

Arpeggios, Scales, Selected Czerny Studies, Heller's Etudes, Kuhner Etudes, Bach, Sonatinas by Clementi, Kuhlau, Sonatas by Haydn, Mozart, easy pieces.

ACADEMIC.

Czerny, Etudes; Heller op. 46 and 47; Cramer, Studies; School of Octave Playing, C. H. Doring; Kuhner, Etudes; Octave Studies, Low; Cramer, Etudes; Studies, Taussig; Sonatas, Beethoven; Concert Works, Mendelssohn, Schumann; Well-tempered Clavichord, Bach; Concert Works, Chopin, Grieg, Rubinstein, St. Saens, MacDowell, etc.

COLLEGIATE.

Kessler, Etudes; op. 10 and 25, Chopin; Octave Studies, Czerny; Doring, Octave Studies; Octave Studies by Kullak;

Studies in Double Thirds, Taussig. Gradus Ad Parnassum, Clementi; 24 Studies, Moscheles. School Advanced Piano Playing by Rafael Joseffy; Concertos and Concert Works, Chopin, Schumann, Beethoven, Liszt, Rubinstein, St. Saens, Schutt, Grieg, etc.

VIOLIN

PREPARATORY.

David or Hermann's Violin Method.

Daily Exercises, Schradieck; Etudes, Kayser, Mazas. Easy pieces by Dancia, J. Weiss, Papin, Hauser, etc.

ACADEMIC.

David's Method, second part.

Etudes, Kreutzer; Daily Exercises, Schradieck; Studies in Thirds, Sixths, Octaves; Etudes, Fiorillo; Concertos; Concert pieces by DeBeriot, Kreutzer, Rode, Alard, Vieuxtemps, Wieniawski, etc.

COLLEGIATE.

Caprices, Rode; Studies, Paganini; Sonatas, Concertos and Concert Pieces by Paganini, Mendelssohn, Beethoven, Bach, Spohr, Bazzini, Wieniawski, Sarasate, etc.

VOICE CULTURE

In this department special attention is given to a natural and skillful management of the breath, and the correct position of the vocal organs in the production of clear, full, resonant tones.

Flexibility and the art of phrasing are developed through the practice of scale and arpeggio passages and solfeggi. A refined musical taste is developed by the study of the best songs, ancient and modern; ballads, thoroly composed, German songs and selections from Oratorio and Opera.

PREPARATORY.

Voice development, principles of breathing.

Voice placing, sight singing (if necessary).

Exercises by Abt, Sieber, Lamperti, English songs.

First year of Piano-forte course (a) (b).

ACADEMIC.

Vocalises by Vaccai, Marchesi, Lamperti, Concone, Italian pronunciation, Italian and English songs.

Harmony; two semesters. Chorus class and the Arias in the Cantatas studied by the chorus class.

COLLEGIATE.

Advanced vocalises.

Italian, English, French and German songs.

Concert, Oratorio, and Arias from the Italian, German and French Opera.

Tuition

TERMS 18 WEEKS EACH.

Lessons with Prof. F. T. Chapman, private lessons—

2 per week (one-half hour each) at \$2.00 approximately.	\$75.00
1 per week (one-half hour each) at \$2.00.....	37.50

A discount of ten per cent is allowed on each semester's lessons taken at Pacific University of Professor Chapman.

Madam Pauline Miller-Chapman, private lessons—

2 per week (one-half hour each) at \$2.00.....	\$75.00
1 per week (one-half hour each) at \$2.00.....	\$37.50

Class lessons—

2 per week (four in class), each.....	42.50
1 per week (four in class), each.....	22.50

Private Lessons, Piano, Organ and Voice—First

Assistant—

2 per week (one-half hour each).....	22.50
1 per week (one-half hour each).....	12.00

Lessons with Second Assistant—Private Lessons—

Piano and Organ and Voice—

2 per week (one-half hour each).....	17.00
1 per week (one-half hour each).....	9.00
Harmony (per term in class).....	10.00
Rent of Piano, per month (1 hour per day)....\$.50 to	.75
Rent of Piano, per month (2 hours per day)....	1.00 to 1.25
Rent of Piano, per month (3 hours per day)....	1.50 to 1.75

Pupils may make special arrangements with the Director for hours of piano practice.

The Conservatory has at present no scholarship funds with which to aid worthy and talented music students. But it is disposed to assist such students to secure an adequate musical training. It has methods and plans of its own along this line, and no ambitious student having unmistakable talents in music need feel that he is debarred from securing a musical education at Pacific University Conservatory on account of financial difficulty.

AWARD OF PRIZES AND HONORS

FORENSIC HONORS

In the academic year 1914-1915 the following prize was awarded:

Witham Cup (greatest progress in debate during the year)

Elbert John Taylor

COMMENCEMENT HONORS

HONORARY DEGREES.

Doctor of Divinity:

Frank Dyer, Wheaton College and Chicago Theological Seminary

Doctor of Letters:

William Dennison Lyman, A. M., P. U. 1873

ACADEMIC HONORS.

Magna Cum Laude:

Richard Abraham, Elizabeth Carlyle, Ava Carlyle, Ada Taylor.

Cum Laude:

Zenas Olson, Lura Tamiesie, Minerva Vermilyea.

DEPARTMENT HONORS.

Senior:

Ava Sarah Carlyle, Elizabeth Carlyle, Ada Taylor.

Sophomore:

Ruth Josephine Haines, Gwendolen Hughes, Sally Hughes, Faye Schroeder.

Freshman:

Emma Craft.

Adams Cup (highest average during the year)

Sally Hughes.

OFFICERS OF THE STUDENT BODY

1915-1916

President, Edwy Olds Dibble, '16.

Vice-president, Norma Hope, '16.

Secretary, Elizabeth Marguerite Briggs, '16.

Treasurer, Harold Arthur Reed, '18.

Roll of Students

SENIORS

Austin, Jay Richard	Forest Grove
Briggs, Elizabeth Marguerite	Dilley
Cady, Ruth Hills	Beaverton
Dibble, Edwy Olds	Forest Grove
Donaldson, Ivan	Tillamook
English, Ethel Maude	Forest Grove
Hope, Norma Emeline	Vale
Rasmusen, George Maurice	Forest Grove
Rasmusen, Robert James	Forest Grove
Ricker, Max Welton	Forest Grove
Schroeder, Faye Greeta	Forest Grove
Walker, Elcy Nova	Forest Grove
Wells, Laura Marie	Gresham

JUNIORS

Geiger, Constance Louise	Forest Grove
Graham, Leone Mildred	Forest Grove
Haines, Ruth Josephine	Forest Grove
Howard, Alvena	Portland
Hughes, Gwendolen	Forest Grove
Mack, Donna Rachel	Klamath Falls
Morgan, Glenn Samuel	Forest Grove
Paul, Artie Blair	Portland
Reeher, Max Moore	Wilson
Reinemer, Ralph William	Forest Grove
Smith, Alice Kinnaird	Hillsboro
Soule, Alta Josephine	Forest Grove
Webb, Leslie Earle	Forest Grove

SOPHOMORES

Abraham, Paul

Gaston

Acker, Freda Margaret	Washougal, Wash.
Briggs, Wilford Myron	Dilley
Clark, Lawrence Fulton	Rainier
Craft, Emma	Dilley
Curtis, Carl Colvin	Forest Grove
Davis, Nettie Viola	Lexington
DuBois, Mary Margaret	Portland
Enschede, Rhoda Christina	Forest Grove
Gilpin, Hazel Evelyn	Forest Grove
Goodman, Byron Matthew	Forest Grove
Harris, Allan Edward	Hillsboro
Heisler, Darrell Vincent	Gaston
Jack, Glenn Robert	Woodburn
Jones, Lester Tallmon	Forest Grove
Livesay, Thayne Miller	Woodburn
Lucas, Leo Sheridan	Hillsboro
Mace, Dorris Pauline	Portland
Reed, Harold Arthur	Roy, Wash.
Roe, Thomas Reuben	Gaston
Stanley, Verle	Tillamook
Taylor, Elbert John	Forest Grove
Turner, Irwin William	Dilley
Wilcox, George	Grass Valley
Zerba, Grace Almeda	Athena

FRESHMEN

Anderson, Ernest William	Rainier
Ashley, Ogden	Forest Grove
Barendrick, Henry Erwin	Portland
Behm, Harry Carl	Broadmead
Bell, Ray William	Markton, Wis.
Bernards, John Martin	Forest Grove
Berthold, Lydia Emilie	Cornelius
Brobst, Mary Anna	Wilsonville
Brunner, Helen Rebecca	Parkplace
Cady, Willis Lawrence	Beaverton
Carlyle, Mildred	Forest Grove
Cox, Sam	Forest Grove
Crandall, Beth	Hillsboro
Davis, Catherine Mary	Portland
Dews, Ella Adaline	Klamath Falls

Dillard, William Walden	St. Helens
Fenenga, Julian Danforth	Strassel
Fowler, Thomas Richard	Rainier
Frost, Raymond Dwight	Suver
Haines, Grace Elizabeth	Forest Grove
Hazzard, Mary Catherine	Natchitoches, La.
Hervey, Elizabeth Carpenter	Portland
Hesseltine, Marjorie K.	Forest Grove
Ireland, John Vernon	Forest Grove
Irle, Kenneth William	Portland
Johnson, Alleyn Jessie	Gaston
Keep, Margaret	Washougal, Wash.
Logan, Leon Lester	Forest Grove
McCulloch, Esther Marguerite	Portland
McKinney, Eathel Mary	Baker
Marsh, Margaret Ethel	Forest Grove
Martin, May Isabel	Forest Grove
Moorhouse, Hallie Eva	Portland
Morgan, George Russell	Hillsboro
Newman, Helen Rose	Portland
Pinn, Martha Edith	Washougal, Wash.
Potts, Ralph Bushnell	Condon
Romig, Orlando Elliott	Oregon City
Robinson, Harold	Forest Grove
Scobee, Mildred Helena	Portland
Senders, Carrie Isabelle	Albany
Swanson, Edgar	Forest Grove
Thomas, Roy Albert	Forest Grove
Thorley, Edith Idella	Heppner
Tucker, Eva Jane	Portland
Vandermast, Mina Elizabeth	Ridgefield, Wash.
Wade, Francis T.	Wasco
Wait, Helen Mary	Puyallup, Wash.

UNCLASSIFIED

Brent, Dorothy Margaret	Portland
Bruner, Gladyce Hyde	Forest Grove
Gebbie, Sidney Steel	Portland
Hon, Merryellen	Nyssa
Jasper, Edward J.	Forest Grove
Knight, Florence Leona	Canby
Mangold, Wynifred Charlene Bruce	Forest Grove
Willard, Benjamin	Forest Grove

CONSERVATORY STUDENTS

1915-1916

Acker, Freda Margaret	Washougal, Wash.
Allen, Bertha	Forest Grove
Babson, Mrs. Olive	Hillsboro
Bartlett, Helen	Estacada
Benjamin, Frances Marion	Forest Grove
Boardman, Helen	Portland
Brent, Dorothy Margaret	Portland
Brobst, Mary Anna	Wilsonville
Brown, Alice	Portland
Brown, Mrs. Louisa	Portland
Buchanan, Barbara	Cornelius
Burlingham, Ruth	Forest Grove
Burns, Margaret	Forest Grove
Burnsworth, Alice	Forest Grove
Campbell, Mrs. Constance	Portland
Chapman, Anna Catherine	Portland
Chapman, Frank Miller	Portland
Chapman, Harmon Marbold	Portland
Craft, Emma	Dilley
Crandall, Bessie	Hillsboro
Davis, Catherine Mary	Portland
Davis, Nettie Viola	Heppner
Du Bois, Mary Margaret	Portland
Elliott, Pauline	Gaston
Emerson, Emma	Forest Grove
Gates, Olive	Hillsboro
Geiger, Constance Louise	Forest Grove
Gilkey, Edna	Hillsboro
Gleason, Louise	Portland
Goodwin, Helen	Portland
Graham, Maud	Forest Grove
Grimm, Lillian	Portland
Haid, Usona	Portland
Harbison, Ruth	Hillsboro
Harris, Ruth	Hillsboro
Haskell, Eleanor	Forest Grove
Hatch, Julia	Gaston
Hazlitt, Alice	Forest Grove
Henney, Mrs. Belle	Portland

Hoar, Glenn	Forest Grove
Howard, Alvena	Portland
Inlow, Mrs. Eva Louise	Forest Grove
Isom, Anna	Portland
Jenswold, Victor Wallace	White Salmon, Wash.
Johansen, Ellen	Hillsboro
Jones, Arthur Cahart	Forest Grove
Jones, Margaret Burton	Forest Grove
Jones, Ruth	Orencia
Keagy, Beulah Belle	Bend
Keep, Margaret	Washougal, Wash.
Kiddle, Mrs. Jessie	Portland
Killen, Helen Elizabeth	Hillsboro
Kirry, Zola	Forest Grove
Krause, Mrs. Mary	Portland
Lister, Violet	Portland
Livingston, Lois	Forest Grove
Love, Belle	Portland
Loynes, Carrie Elida	Forest Grove
Mangold, Winifred	Forest Grove
Marsh, Arlington	Forest Grove
Martin, May Isabel	Forest Grove
McEldowney, Mrs. Eleanor Russell	Forest Grove
McEldowney, Helen	Forest Grove
Morgan, George Russell	Hillsboro
Morton, Mrs. Louise	Hillsboro
Ono, Hiroshi	Portland
Payne, Mrs. Hester Harbison	Hillsboro
Rasmusen, Maybelle	Forest Grove
Reaves, M. Ella	Hillsboro
Robinson, Mrs. Helen	Portland
Roe, Kate Ethel	Gaston
Roe, Thomas	Gaston
Shute, Mrs. Alice H.	Hillsboro
Sorber, Rebecca Mary	Forest Grove
Thorley, Edith Idella	Heppner
Thornburgh, Glenn	Forest Grove
Tupper, Ethel	Cameron, Ida.
Vandermaast, Mina Elizabeth	Ridgefield, Wash.
Van Koughnet, Alma	Forest Grove
West, Florence Lucile	Forest Grove
Westaway, Mary	Portland

White, Pauline	Forest Grove
Wilson, Ethel	Forest Grove
Wood, Dorris	Forest Grove
Young, Wilma	Vancouver, B. C.

SUMMARY OF STUDENTS

College	107
Conservatory of Music.....	85
(Academy discontinued in 1915)	
Deduct number counted more than once.....	17
<hr/>	
Total number of different students for the Academic year 1915-1916	175

The Associate Alumni

OFFICERS

President

William N. Barrett, 1879..... Hillsboro

Vice-President

Arthur E. Yoder, 1902.... Washington High School, Portland

Secretary and Treasurer

Mrs. Wilma Chandler Crounse, 1907.....
..... Municipal Building, Portland

MEMBERS

The names of members of the Associate Alumni are arranged in alphabetical order with degree, class and address. Graduates from the Conservatory of Music are indicated by the words, "Diploma in Music." Deceased members are indicated by a star.

It is desired that all members should report to the Catalog Committee, or the office of the University, any changes in occupation or address.

Abraham, Ralph L.—Inanda, Natal, South Africa.

A. B. 1911; B. D. Oberlin Divinity School 1914; Missionary A. B. C. F. M.

Abraham, Richard I.—Forest Grove.

A. B. 1915; Instructor in History High School.

*Adams, Marion C.

A. B. 1885; A. M. : d. Nez Perce, Idaho, 1915.

- Adams, Thomas H.—Vancouver, Wash.
A. B. 1894; A. M.; Pres. Vancouver National Bank.
- Alexander, Alexander C.—R. F. D. 1, Forest Grove.
B. S. 1890.
- Aller, D. Irwin—San Francisco, Calif.
A. B. 1908; M. D. Medical School Univ. of California
1913; Interne University Hospital.
- Anderson, Helen L. (Mrs. Lynn Ebermann)—Aurora, R.F.D.
Diploma in Music 1915.
- Arant, Perry B.—Cove.
Diploma in Music 1912; Supervisor of Music Public
Schools.
- Arnston, Herbert H.—Springfield, Mass.
A. B. 1908; Instructor Bay Path Institute.
- Atkinson, Archibald A.—Doris, Calif.
A. B. 1901; A. M. 1902; M. D. Cooper Medical College
1905.
- Atkinson, Edward M.—Oregon City.
A. B. 1876; Attorney-at-Law.
- Atwell, Homer C.—Forest Grove.
A. B. 1897; Manager Forest Grove Fruit Growers' Asso-
ciation.
- Austin, Levi F.—Rainier.
A. B. 1913; Principal High School.
- Bagley, Doris E.—Ashland.
Diploma in Music, 1915.
- Bailey, Mary (Mrs. William D. Clarke)—Central Point.
B. L. 1903.
- Baker, Dora E.—R. F. D. 1, Vancouver, Wash.
A. B. 1911; Instructor in Union High School.
- Barrett, William N.—Hillsboro.
B. S. 1879; Attorney-at-Law.
- Bates, William A.—Corvallis.
B. S. 1891; Bookkeeper.
- Bauer, Philip E. Rev.—Spokane, Wash.
B. S. 1897; B. D. Chicago Theol. Sem. 1901; Pastor,
Plymouth Cong. Ch.
- Beckwith, Frank M.—Mayview, Wash.
B. S. 1879; Farmer.

Beek, Joseph—5th & Flanders, Portland.

A. B. 1884; with Povey Bros., Glass Co.

Bilyeu, William R.—Albany.

B. S. 1873; Attorney-at-Law.

*Bisbee, Ruel M.

B. S. 1896; d. Forest Grove 1907.

Bishop, Helen C.—104 Jackson Place, Baltimore, Md.

A. B. 1913; B. S. in Practical Arts, Teachers' College, 1915; Superintendent Zeta Phi Association.

Bishop, John Egbert—Clark University, Worcester, Mass.

A. B. 1914; Fellow in Chemistry.

Boardman, Vincent E.—Eveleth, Minn.

B. L. 1900; Principal High School.

Boldrick, Sarah E. (Mrs. Joseph A. Hoffman)—Hillsboro.

A. B. 1907.

Bollinger, Helen—Dufur.

A. B. 1911; Instructor in Latin High School.

Bond, E. Austin—Bellingham, Wash.

A. B. 1893; Principal Public School.

Bond, William A.—Nehalem.

B. S. 1892; Milling.

Bowlby, John Q. A.—Astoria.

A. B. 1867; A. M.; Attorney-at-Law.

Bradley, Charles E.—Mishawaka, Ind.

B. S. 1897; M. S. 1900; Chemist Rubber Regenerating Co.

Brobst, Mary A.—Wilsonville.

Diploma in Music, 1915; Instructor in Piano, Pacific University.

Bratzel, Rev. Ernst—Fort Lauderdale, Fla.

A. B. 1909; Evangelical Lutheran Clergyman.

Brown, G. Gordon—Hood River.

A. B. 1910; Student in Horticulture, O. A. C., 1910, 1911; Superintendent Horticultural Experiment Station.

Brown, Georgiana (Mrs. John Q. A. Bowlby)—Astoria.

B. S. 1870.

Brown, Liberta (Mrs. Alfred D. Schoch)—357 E. 57th, Chicago, Ill.

A. B. 1899; A. M. Columbia Univ. 1903.

- Bryant, Sumner E.—Cathlamet, Wash.
A. B. 1912; Principal High School.
- Bump, Daniel D.—Hillsboro.
A. B. 1906; LL. B. Univ. of Oregon, 1912; Attorney-at-Law.
- Bunday, Maude B.—Puyallup, Wash.
A. B. 1912; A. M. 1913; Instructor High School.
- Bunday, Myrtle M. (Mrs. Albert A. Kirkwood)—Forest Grove.
A. B. 1912.
- Bush, Lafayette L.—Bay Center, Wash.
B. S. 1890; Merchant.
- Butler, Lora F. (Mrs. L. F. Conn)—Lakeview.
B. L. 1901.
- *Byrd, Josephine (Mrs. D. W. Ward).
Diploma in Music 1891; d. Forest Grove, 1895.
- Cadwell, Irene (Mrs. Thomas H. Tongue, Jr.)—Hillsboro.
Diploma in Music 1906.
- Campbell, Callie (Mrs. R. K. Montgomery)—Sheridan.
M. S. 1887.
- Caples, Jesse R.—920 E. 29th N.
B. S. 1892; Contractor & Builder.
- Carlyle, Ava S.—Bellfountaine.
A. B. 1915; Instructor High School.
- Carlyle, Elizabeth M.—Forest Grove.
A. B. 1915.
- Chandler, Helen W.—310 E. 36th, Portland.
A. B. 1909; Teacher Arleta School.
- Chandler, Wilma Pearl (Mrs. Neal R. Crounse)—American Apartments, 21st and Johnson, Portland.
A. B. 1907; Assistant Supt. Bureau for Protection of Women, Municipal Bldg.
- Clapp, Dwinell E.—Brewster, Wash.
Diploma in Music 1912; Assistant Bank Cashier.
- Clapp, Frances B.—Claremont, Calif.
A. B. 1908; Diploma in Music 1908; Student in Berlin, 1910-11; Instructor in Piano, Pomona College.
- Clapp, Gordon A.—1216 3d Ave., San Francisco, Calif.
A. B. 1908; Interne.

Clark, J. C.—565 North Fair Oaks, Pasadena, Calif.

B. S. 1887; M. D.

Clark, Phoebe I. (Mrs. Napoleon Davis)—R. F. D. 3, Aurora.

M. S. 1870.

Clark, Tabitha A. (Mrs. R. G. Ebert)—130 Parkside Drive, Berkeley, Calif.

M. S. 1877.

Clement, Alice—Albany.

Diploma in Music 1910; Student in Berlin, 1911; Instructor in Piano.

Convil, James O.—Portland.

A. M. 1911; Superintendent of Parks.

*Coplen, George W.

A. B. 1881; d. Latah, Wash. 1898.

Craig, Austin—Manila, P. I.

B. L. 1894; A. M. 1912; Assistant Professor Oriental History, Univ. of the Philippines.

Creswell, Mary A. (Mrs. S. Simard)—Ballou Station, Free-water. M. S. 1878.

Curtis, William K.—Forest Grove.

B. S. 1877, Farmer.

Davies, Hazel M.—1798 Duaine Street, Astoria.

A. B. 1915; Teacher Public School.

Davis, Napoleon—R. F. D. 3, Aurora.

A. B. 1883; A. M.; Farmer.

Day, Fred—Fenton Bldg., Portland.

A. B. 1903; Out Claim Agent, Southern Pacific R. R.

Dimick, Walter A.—Oregon City.

B. S. 1902; Attorney-at-Law.

Durham, George H.—Grants Pass.

A. B. 1866; A. M. Attorney-at-Law.

*Eaton, Mary S.

M. S. 1878; d. Oswego, 1882.

Eells, Ida M.—517 Broadway, Helena, Mont.

A. B. 1896; Graduate Student Columbia Univ. 1901; Supervisor Domestic Art, Public Schools.

*Eells, Rev. Myron.

A. B. 1866; D. D.; d. Twana, Wash., 190-

- Elder, Lillian B. (Mrs. Augustus Gardner)—Forest Grove.
Diploma in Piano, 1911.
- Emmel, Victor E.—Congress and Honore Sts., Chicago, Ill.
B. S. 1903; M. S. 1904; Ph. D. Brown Univ. 1906; Assistant Professor in Anatomy, University of Illinois College of Medicine.
- Faulkner, Richard W.—Sacramento, Calif.
B. S. 1902; Ranchman.
- *Fearnside, Elvia S.
M. S. 1878; d. Forest Grove 1879.
- Ferrin, Haskell E.—Forest Grove.
A. B. 1910; Assistant Cashier, Forest Grove National Bank.
- Ferrin, Livia E.—142 Watching Ave., Upper Montclair, N. J.
A. B. 1906; A. M. Columbia Univ. 1915; Graduate Student in Mathematics, 1916.
- Fitch, Caroline E. (Mrs. Cecil W. Tolson)—Forest Grove.
A. B. 1907.
- Fletcher, Chester K.—Pueblo, Colo.
A. B. 1906; Principal Centennial High School.
- Fletcher, William T.—Portland.
B. S. 1900; Graduate Student Columbia Univ. 1905, 1906; Principal James John High School.
- Garrison, Blanche L. (Mrs. Philip E. Bauer)—Spokane, Wash.
B. L. 1899.
- Gaylord, Ruth E. (Mrs. Leslie L. Hope)—Vale.
A. B. 1913.
- Geiger, Laura (Mrs. A. C. Brackenbury)—Gresham.
Diploma in Music 1889.
- Gilliam, Mitchell—Seattle, Wash.
A. B. 1882; Judge of Superior Court.
- Gleason, Lorena (Mrs. N. R. Norris)—Goldendale, Wash.
B. L. 1898.
- Goodell, Mary (Mrs. —Burt)—Yoncalla.
M. S. 1873.
- Gould, Vernon V.—Newberg.
A. B. 1912; Student Bradley Polytechnic 1913; Watchmaker and Jeweler.

Gray, Ethel—400 13th Street, Portland.

M. S. 1887; M. D. Univ. of Oregon 1899.

*Gray, Mary.

M. S. 1887; d. Portland, 1890.

Gwynn, William E.—Newport.

A. B. 1910; Attorney-at-Law.

Hale, William G.—Urbana, Ill.

B. S. 1903; LL. B. Harvard Univ. 1906; Professor College of Law, Univ. of Illinois.

Hall, Charles C.—Portland.

A. B. 1868; Farmer.

Hall, William A.—Clatskanie.

A. B. 1905; Druggist.

Hallett, Fred N.—106 Pike St., Seattle, Wash.

B. S. 1888; Fruit Lands.

Harbison, Blanche I. (Mrs. John D. Bergen)—Hillsboro.

Diploma in Music 1913.

Harbison, Hester E. (Mrs. Glenn V. Payne)—Hillsboro.

A. B. 1915.

Hare, William G.—Hillsboro.

B. L. 1903; LL. B. Univ. of Michigan 1906; Attorney-at-Law.

Hartley, Harvey H.—Goldendale, Wash.

A. B. 1897; A. M. 1900; M. D. Univ. of Oregon 1900.

Haskell, George L.—Ambridge, Pa.

B. S. 1899; Draftsman American Bridge Co.

Heidel, Wilhelmina (Mrs. Burt E. Robinson)—Sand Point, Idaho.

A. B. 1908; Graduate Curry School of Expression 1910.

Henshaw, Dora (Mrs. — Morgan)—Mohler, Wash.

M. S. 1874.

Hilts, Jonathan U.—Portland.

A. B. 1909; Railway Mail Service.

Hinman, Frank—Forest Grove.

B. S. 1888; Farmer.

Hinman, Margaret—Forest Grove.

B. L. 1891.

Hodgin, John S.—La Grande.

B. S. 1891; Attorney-at-Law.

- Hoge, Jessie M.—Anacortes, Wash.
A. B. 1910; Instructor in High School.
- Hoge, Mabel E.—864 E. Salmon St., Portland.
B. L. 1904; Librarian Public Library.
- Hollinger, Maud (Mrs. Roy Alvin Baldwin)—Slaton, Texas.
A. B. 1911.
- Holmes, Martha F. (Mrs. John I. Hess)—1220 Grant St., Bellingham, Wash.
A. B. 1909.
- Hoover, Harriet (Mrs. Benton Killin)—293 13th St., Portland.
M. S. 1869.
- *Hoover, Jacob.
A. B. 1869; A. M.; d. Spokane, Wash. 1898.
- Hope, Leslie L.—Vale.
A. B. 1912; Bank Cashier.
- House, Liola M.—Forest Grove.
Diploma in Music 1913; Private Studio.
- Hoxter, Laura M. (Mrs. John T. Whalley)—470 Flint St., Portland.
A. B. 1878.
- *Hughes, Elva (Mrs. — Gordon).
Diploma in Music 1890; d.
- Humphreys, Harry P.—120 5th St., Colusa, Calif.
A. B. 1909; Clerk Pacific Gas & Electric Co.
- Imlay, Robert A.—1011 Yeon Bldg., Portland.
A. B. 1908; Attorney-at-Law.
- Inlow, Harvey E.—Forest Grove.
A. B. 1915; Superintendent of Schools.
- Irvin, Clara I. (Mrs. A. A. Atkinson), Doris, Calif.
A. B. 1906.
- Jackson, Anna (Mrs. F. Prosser)—Martinez, Calif.
M. S. 1883.
- Jensen, Willis E.—Forest Grove.
A. B. 1911; Graduate Student in Engineering, Univ. of Washington, 1915; Civil Engineer.
- Johnson, Agnes C. (Mrs. A. L. Johnson)—Carlton.
Diploma in Music 1912.
- Keene, Mary V.—Albert.
M. S. 1882; Teacher Public School.

Kirkwood, Joseph E.—Missoula, Mont.

A. B. 1898; Ph. D. Columbia Univ.; Prof. Botany, Univ. of Montana.

Knight, Frederick S.—Nueva Vizcaya, P. I.

A. B. 1911; Principal Provincial High School, Bayombong.

Koch, Rev. C. Franklin—Omaha, Neb.

A. B. 1910; B. D. Wittenberg 1915; Pastor Kountze Memorial Lutheran Ch.

Koontz, Mattie E. (Mrs. John U. Smith)—Newberg.

B. S. 1889.

Lancefield, Jessie (Mrs. Hiram E. Wilson)—5570 S. Wabash, Chicago, Ill.

A. B. 1900.

Lancefield, Lynn—McMinnville.

B. L. 1910; Bookkeeper, First National Bank.

Lansing, M. Catherine (Mrs. James R. Robertson)—Berea, Ky.

A. B. 1896.

Latourette, DeWitt C.—Oregon City.

A. B. 1878; A. M.; Attorney-at-Law.

*Latourette, Willard H., Rev.

B. S. 1874; d. McMinnville, 1911.

Lawrence, Samuel B.—347 Pittock Block, Portland.

A. B. 1908; A. M. 1910; LL. B. Univ. of Washington, 1910; Attorney-at-Law.

Lee, John A.—201-202 Title & Trust Bldg., Portland.

A. B. 1891; LL. B. George Washington Univ.; Attorney-at-Law.

Lee, Mary Ellen—824 North G St., Tacoma, Wash.

M. S. 1890; Teacher Public Schools.

Leonard, Elizabeth—896 Sandy Road, Portland.

A. B. 1914.

Leonard, Thomas W.—Moscow, Idaho.

A. B. 1913; Student Secretary Y. M. C. A. Univ. of Idaho.

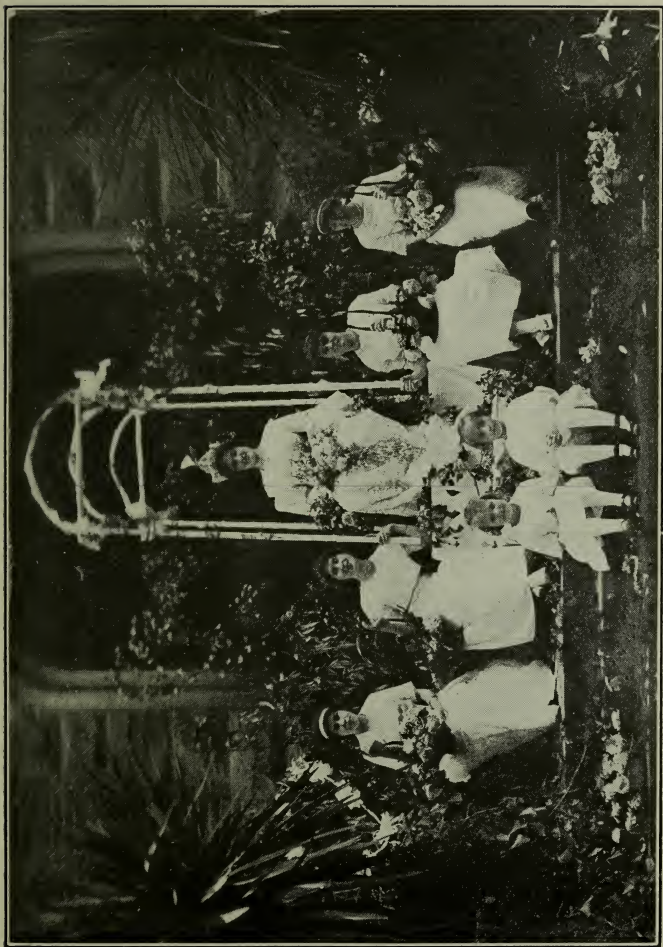
Lewis, Vesta M. (Mrs. Victor E. Entmel)—Chicago, Ill.

A. B. 1902.

Lieser, Leah E.—Vancouver, Wash.

Diploma in Music 1910; Graduate Student, N. E. Conservatory, 1914-1915.

Lieser, May M. (Mrs. William T. Fletcher)—603 E. 34th St.



MAY QUEEN AND ATTENDANTS

- N. Portland.
A. B. 1899.
- Lindsley, Addison A.—1500 E. Yamhill St., Portland.
A. B. 1870; Real Estate Agent.
- Llewellyn, Fred W.—Seattle, Wash.
A. M. 1911; Adjutant General.
- Long, Rose J. (Mrs. Walter Wood)—Myrtle Creek.
B. L. 1901.
- Lowell, Margaret (Mrs. Holman B. Ferrin)—Washougal,
Wash.
Diploma in Music 1915.
- Loynes, Hazel J.—Forest Grove.
A. M. 1910.
- Luce, Henry B.—Eddyville.
A. B. 1872; Homesteader.
- *Lyman, Horace S. Rev.
A. B. 1878; A. M.; d. Astoria 1905.
- Lyman, Mary F. (Mrs. Newton McCoy)—654 Hancock St.,
Portland.
M. S. 1878.
- Lyman, Sarah.—289 Halsey St., Portland.
M. S. 1873.
- Lyman, William D.—Walla Walla, Wash.
A. B. 1873; A. M.; Litt. D. 1915; Prof. of History and
Literature, Whitman College.
- Macrum, John W.—Forest Grove.
B. S. 1896; Civil Engineer.
- *Macrum, Margaret J. (Mrs. W. H. Byrd)
M. S. 1885; d. Salem, 1913.
- Macrum, Rita.—Forest Grove.
B. A. 1915.
- *Macrum, William S.
A. B. 1890; LL. B. Univ. of Oregon 1897; d. Portland,
1912.
- Markel, Howard H.—1155 Bush St., San Francisco, Calif.
A. B. 1907; M. D. Medical School, Univ. of Calif., 1912.
- Markham, Melvin W.—Clatskanie.
A. B. 1905; D. D. S., N. Pacific Dental College, 1912.
- Marsh, Frederick L.—Forest Grove.

- A. B. 1898; D. D. S., N. Pacific Dental College, 1905.
- Marsh, Gertrude E. (Mrs. William A. Hall)—Clatskanie.
B. L. 1901.
- Marsh, James R.—Aurora.
A. B. 1886; A. M., Farmer.
- Marsh, J. Wheelock—Banks.
A. B. 1886; Bank Cashier.
- *Marsh, Laura (Mrs. E. P. Cadwell)
M. S. 1886; d. Forest Grove 1901.
- *Marsh, Sidney E.
A. B. 1889; d. Port Townsend, Wash., 1890.
- Marsh, William P.—492 Boylston St., Boston, Mass.
B. S. 1888; A. B. Univ. of Vermont; with Mason & Hamlin Company.
- Marsh, Winifred (Mrs. Theodore Whittelsey)—142 Gordonhurst Ave., Upper Montclair, N. J.
B. L. 1900; B. L. Smith College 1903.
- Martin, Hattie (Mrs. Samuel Vestal)—Snohomish, Wash.
B. S. 1875.
- Martin, James T.—Sacramento, Calif.
B. S. 1876; M. D. Univ. of Mich. 1883.
- Mason, Claude D.—266 Church St., Naugatuck, Conn.
A. B. 1908; Chemist U. S. Rubber Co. General Laboratories.
- Mason, Ella S.—409 Salmon St., Portland.
B. L. 1900; Instructor in English, Washington High School.
- McCornack, Eugene P.—Salem.
A. B. 1874; Banker.
- McCornack, Herbert F.—Eugene.
A. B. 1874; M. D.
- McCoy, Newton—715 Oregonian Bldg., Portland.
A. B. 1880; Attorney-at-Law.
- *McKercher, Florence
A. B. 1895; d. Portland, 1898.
- McNamer, Clay—Lewiston, Idaho.
B. S. 1889; Attorney-at-Law.
- Meresse, Abel—White Salmon, Wash.

- B. S. 1902; Editor The Enterprise.
- Merges, Ernest E.—1011 Yeon Bldg., Portland.
- B. L. 1892; Pres. Oregon & Washington Realty Co.
- Merryman, Ethel (Mrs. A. B. Bailey)—170 Ford, Portland.
- Diploma in Music 1892.
- Miller, John X.—Pasumalai, India.
- B. S. 1898; A. M.; B. D. Andover Theol. Sem.; Missionary
- A. B. C. F. M.
- *Millis, Harold B.
- B. S. 1902; d. Marshfield 1910.
- Morrison, Nancy B. (Mrs. Dwight H. Thomas)—348 E. 6th
- St. N., Portland.
- B. L. 1893.
- Moseley, Ethel B. (Mrs. W. B. Rasmusen)—3107 37th St. S.,
- Seattle, Wash.
- A. B. 1907.
- Murie, Olaus J.—Pittsburgh, Pa.
- A. B. 1912; Curator of Mammals, Carnegie Museum of
- Natural History.
- Murphy, Loretta B.—Sand Point, Idaho.
- A. B. 1910; Instructor High School.
- Naylor, Edward L.—Forest Grove.
- B. L. 1892.
- Neal, Candace A. (Mrs. H. B. Luce)—Eddyville.
- M. S. 1870.
- Nelson, Gustaf W.—St. Johns, Portland.
- A. B. 1890; B. D. Pacific Theol. Sem. 1893; Real Estate.
- North, Alfred M.—Riverside, Calif.
- B. S. 1901; Head of History and Economics, Polytechnic
- High School.
- *Nosea, Yei.
- A. B. 1876; A. M., d. Tokio, Japan, 1895.
- Olson, Zenas A.—Sherwood.
- B. A. 1915.
- Ostrander, Clinton E.—St. Helens.
- B. A. 1915; Instructor High School.
- Parker, Lois W. (Mrs. Frank S. Myers)—515 Hancock St.,
- Portland.

- A. B. 1899.
- Patten, Alva P.—Hillsboro.
A. B. 1915; Instructor High School.
- Patton, Mary E. (Mrs. A. B. Snider)—1231 San Bruno Ave.,
San Francisco, Calif.
A. B. 1891.
- Patton, Pem—Gaston.
B. S. 1892; Farmer.
- Peters, John W.—1300 E. 6th St. N., Portland.
A. B. 1907; LL. B. Univ. of Oregon, 1914.
- Peters, Lottie S.—1300 E. 6th St. N., Portland.
A. B. 1905.
- Peters, R. Frank—Pittock Bldg., Portland.
A. B. 1905; LL. B. Univ. of Oregon, 1910; Attorney-at-Law.
- Peterson, Goldie R.—Forest Grove.
Diploma in Music, 1912.
- Philbrook, J. Watson—Iloilo, P. I.
A. B. 1905; District Auditor.
- Poppleton, Adelaide (Mrs. A. H. Harding)—538 E. 19th St.
N., Portland.
A. B. 1883.
- *Porter, Estella S.
A. B. 1888; d. Forest Grove 1889.
- Porter, Nellie (Mrs. C. B. Campbell)—Forest Grove.
Diploma in Music 1893.
- Prideaux, Arthur J.—Portland.
A. B. 1906; A. M. Willamette Univ., 1907; Principal
Woodstock Public School
- Putman, S. Belle (Mrs. Levi C. Walker)—331 N. 11th St.,
Lincoln, Neb.
M. S. 1875.
- Raffety, David—569 E. 8th St., Portland.
B. S. 1867; M. D.
- Ramsey, Horace M. Rev.—329 13th St., Portland.
A. B. 1899; A. M. Univ. of Calif.; Dean St. Stephen's
Pro-Cathedral.
- Rasmusen, Jennie S. (Mrs. Henry F. Price)—Swarthmore, Pa.
A. B. 1912.

- Rasmusen, William B.—3107 37th St. S., Seattle, Wash.
A. B. 1906; with John A. Whaley & Co., Surety Bonds and General Insurance.
- Rice, Clarence E.—Franklin, Neb.
A. B. 1913; Instructor Franklin Academy.
- Robinson, Alexander C.—Baltimore, Md.
A. B. 1910; Graduate Student, Univ. of Pennsylvania, 1914, 1915; Instructor in Mathematics, Polytechnic High School.
- Robinson, Reginald R.—Corvallis.
A. B. 1909; M. S., Univ. of California, 1912; Chemical Research Investigator U. S. Experiment Station, O. A. C.
- Robinson, Thomas, Rev.—Wilson, Pa.
A. B. 1904; A. M. Princeton Divinity School; Research Student Western Theol. Sem., 1914; Presbyterian Clergyman.
- Roe, Barnett Y.—Gaston.
A. B. 1882; Farmer.
- Roe, Kate E.—Gaston.
A. B. 1915; Student in Music Pacific Univ., 1915-1916.
- Saito, Kin—Hakodate, Japan.
B. S. 1876; LL. B. Univ. of Michigan, 1878; Chief Justice, Court of Hokkaido.
- Schaff, Charles W.—Lewiston, Idaho.
B. S. 1877; M. D.
- Schmidtke, Fred E.—Hoquiam, Wash.
A. B. 1914; Principal High School.
- Schoch, Alfred D.—357 E. 57th St., Chicago, Ill.
B. S. 1900; Ph. D. Cornell Univ.; Editor Text Books in Spanish.
- Scholfield, Harriet E. (Mrs. Arthur E. Yoder)—211 E. 39th St., Portland.
B. L. 1902.
- Scott, Ella (Mrs. DeWitt Latourette)—Oregon City.
A. B. 1878; A. M.
- *Scott, Harvey W.
A. B. 1863; A. M.; d. Baltimore, Md., 1910.
- Sewell, Alice E.—Hillsboro.
Diploma in Music, 1908.

Shaver, Homer T.—Washington, D. C.

A. B. 1913; Graduate Student in Law, George Washington Univ.

Shiach, James W.—453 N. 42d Ave., Seattle, Wash.

A. B. 1900; Mining Engineer.

Shiach, William S.—Ephrata, Wash.

A. B. 1895; Attorney-at-Law.

Shipley, Silas M.—35 Haller Bldg., Seattle, Wash.

B. S. 1885; LL. B. Univ. of Washington, 1888; Attorney-at-Law.

Shively, William B.—1334 Northwestern Bank Bldg., Portland.

A. B. 1905; LL. B. Univ. of Oregon, 1908; Attorney-at-Law.

Silverman, Esther—Paso Robles, Calif.

A. B. 1908; A. M. Radcliffe Col. 1910; Instructor in English, High School.

Slusser, Leah (Mrs. Warren Hathaway)—788 E. Yamhill St., Portland.

Diploma in Music 1912.

Smith, Day (Mrs. W. E. Stewart)—374 3d St., Portland.

Diploma in Music 1891.

Smith, Fred R.—Sheridan, Wyo.

A. B. 1894; Merchant.

Smith, John U.—Newberg.

B. S. 1888; LL. B. Univ. of Oregon, 1890.

Smith, Lizzie (Mrs. J. J. Wirtz)—Forest Grove.

Diploma in Music, 1890.

Smith, Milton W.—P. O. Drawer 767, Portland.

A. B. 1878; A. M.; Attorney-at-Law.

Smith, Wickliffe R.—Cameron, Idaho.

A. M. 1910; Editor Potlatch Star.

Snider, Asa B., Rev.—San Francisco, Calif.

A. B. 1891; B. D. Pacific Theol. Sem. 1895; Pastor Bethlehem Cong. Ch.

Sorenson, Frances T. (Mrs. Arthur J. Prideaux)—5028 41st St., Portland.

A. B. 1906.

Stearns, Ethella S. (Mrs. Stanley C. E. Smith)—1385 E. 19th St., Portland.

- A. B. 1910.
- Stevenson, Jacob G.—Eugene.
B. S. 1874; Retired Farmer.
- Stewart, Emma E. (Mrs. Charles E. Bradley)—723 E. 2d St.,
Mishawaka, Ind.
A. B. 1896.
- Stewart, Horace D.—Dayville.
A. B. 1893; Stockman.
- Stewart, Loring V.—Dayville.
A. B. 1893; M. L. & LL. B. Yale; Stockman.
- *Stott, Frank L.
A. B. 1870; d. Gaston, 1873.
- *Stott, Raleigh.
A. B. 1869; A. M.; d. Portland, 1901.
- Stott, Samuel R.—740 E. Taylor, Portland.
A. B. 1878.
- Stout, Fern F. (Mrs. James P. Graham)—La Grande.
A. B. 1901.
- Tamiesie, Lura B.—11 Floral Ave., Portland.
A. B. 1915.
- *Tamura, Hatstara.
A. B. 1876; A. M.; d. Kyoto, Japan, 1915.
- Taylor, Ada F.—Castle Rock, Wash.
Diploma in Music 1914; A. B. 1915; Instructor High
School.
- Taylor, D. John—Oberlin, Ohio.
A. B. 1912; Divinity Student, Oberlin Coll.
- Taylor, Howard R.—Port Townsend, Wash.
A. B. 1914; Principal High School.
- Taylor, Marion S.—Klamath Falls.
A. B. 1912; Instructor High School.
- Thomas, Amy G. (Mrs. Charles Sprague)—376 31st St. N.,
Portland.
A. B. 1910.
- *Thomas, Dwight H.
B. S. 1893; d. Portland 1907.
- Thomas, Grace M.—Hillsboro.
A. B. 1914; Instructor High School.

Thomas, Ruth H.—Hudson, Ohio.

Diploma in Music 1914; A. B. Western Reserve, 1915;
Instructor in Music.

Tibbals, Mildred M.

A. B. 1901; A. M. Wellesley Coll. 1905; Assistant Prof.
of Literature, Knox Coll.

Tongue, Edith L. (Mrs. A. E. Reames)—Jacksonville.

B. L. 1893.

Tongue, E. Burke—Hillsboro.

A. M. 1911; Prosecuting Attorney, Washington Co.

*Tongue, Thomas H.

A. B. 1868; A. M.; d. Washington, D. C. 1903.

Tongue, Thomas H., Jr.—Hillsboro.

B. L. 1900; LL. B. George Washington Univ. 1903; At-
torney-at-Law.

Turner, Harlan J.—St. Helens.

A. B. 1912; Business.

Vermilyea, Minerva—R. F. D. 1, Box 108, Sherwood.

A. B. 1915; Instructor Tualatin High School.

Vrooman, Frederick E.—Portland.

B. S. 1903; Auditor Equitable Savings & Loan Associa-
tion.

Waggener, Wilma—Albany.

Diploma in Music 1904; Study in Berlin, 1906, 1912; Di-
rector of Piano, Albany College.

Wagner, Augustus A.—Hood River.

A. B. 1911; Graduate Student in Chemistry, Univ. of
Washington 1915; Instructor in Science in High School.

Walker, Elda R.—Lincoln, Neb.

A. B. 1901; A. M. 1904; Ph. D. Univ. of Nebraska, 1907;
Associate Prof. of Botany, Univ. of Nebraska.

Walker, J. Elkanah, Rev.—Shaowu, China.

A. B. 1867; A. M.; D. D.; Missionary A. B. C. F. M.

Walker, Jeremiah—Hoquiam, Wash.

B. L. 1900; Pres. Walker Bros. Lumber Co.

Walker, Leva B.—Lincoln, Neb.

A. B. 1901; A. M. Univ. of Nebraska, 1908; Assistant
Prof. of Botany, Univ. of Nebraska.

*Walker, Levi C.

A. B. 1873; A. M.; d. Forest Grove 1909.

Ward, Charles E. Rev.—Marblehead, Ohio.

A. B. 1912; B. D. Berlin, 1915; Pastor Cong. Ch.

Ward, James R.—Davenport, Wash.

A. B. 1909; Instructor in History, High School.

Warner, Beulah—Stockton, Calif.

A. B. 1899; Instructor in Latin, High School.

Warren, Zula (Mrs. S. T. Linklater)—Hillsboro.

Diploma in Music, 1892.

Waterman, Virgil—Welches.

A. B. 1909; Homesteader.

Waters, Ethel G.—Walla Walla, Wash.

A. B. 1905; Graduate Chicago Missionary Training Institute, 1909.

*Watson, Edward B.

A. B. 1866; A. M.; d. Portland 1915.

Watt, Ella (Mrs. Henry J. Jackson)—744 E. Burnside St., Portland.

M. S. 1876.

Watt, J. Alfred—Hood River.

A. B. 1881; M. D. Univ. of Michigan.

Whalley, John T.—615 McKay Bldg., Portland.

A. B. 1881; A. M.; Attorney-at-Law.

Whealdon, Jerrine—Portland.

A. B. 1913; Stenographer, Bell & Co.

Whealdon, Margaret—The Dalles.

A. B. 1911; Instructor High School.

Wilkinson, Tacy (Mrs. H. H. Atkinson)—Mamuret ul Aziz, Mezereh, Turkey.

B. L. 1899; Matron Annie Tracy Riggs Hospital.

Wilson, Christine E. (Mrs. Harry P. Humphreys)—150 5th St., Colusa, Calif.

A. B. 1911.

Wirtz, Willard H.—Prineville.

A. B. 1906; LL.B., Willamette Univ. 1910; Prosecuting Attorney, Crook Co.

Witham, Hermon E.—210 Lumbermans Bldg., Portland.

A. B. 1909; Agent San Francisco Life Ins. Co.

Wood, William D.—Hillsboro.

A. B. 1887; M. D. Univ. of Michigan 1890.

Woods, Nellie (Mrs. Adams)—415 Eugene St., Portland.

M. S. 1887.

Yoder, Arthur E.—Portland.

B. S. 1902; Instructor in Biology, Washington High School.

Yoder, Harriet J. (Mrs. Macdonald T. Potts)—care of Evening Journal, Portland.

B. L. 1904.

HISTORY.

(Omitted in Order on page 68)

MR. YAKEL.

As a basis for the better understanding of current history a thorough knowledge of the history of past ages is essential. The study of history has both a practical and a cultural value. Its practical value lies in the fact that it reflects the past experiences of men and serves as a guide to statesmen and economists in working out their plans for the present. Its cultural value lies in the fact that acquaintance with the life stories of other nations and peoples tends to make men broader minded. At least six hours of history are required toward graduation. Courses 1 and 2 should be taken, if possible, in the Freshman year.

1. HISTORY OF CIVILIZATION IN THE MIDDLE AGES. A general survey of European History from the Teutonic Invasions to the Reformation. *Three credits, first semester, 9:00, M. W. F.*

2. MODERN EUROPEAN HISTORY. A study of the development of modern European nations from about 1500 A. D. to the present time. *Three credits, second semester. 9:00 M. W. F.*

3. ENGLISH HISTORY to 1603. The development of England from the Anglo-Saxon invasion to the end of Elizabeth's reign. Open to all who have completed History 1 and 2. *Three credits, first semester. 11:10, M. W. F.*

4. ENGLISH HISTORY AFTER 1603. Can be taken either as a continuation of 3, or as a separate course. Prerequisites same as for 3. *Three credits, second semester. 11:10, M. W. F.*

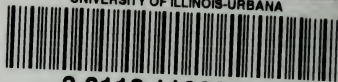
5. AMERICAN HISTORY. A course covering The Colonial, the Constitutional, and the Division and Reconstruction periods of American History. Prerequisites, History 1 and 2. *Two credits, first semester. 1:15, M. T. Th. F.*

6. HISTORY OF WESTERN SETTLEMENT AND DEVELOPMENT. (a) The Mississippi Valley. (b) The Pacific Coast, with special reference to the early history and settlement of Oregon. Prerequisites, History 5. *Three credits, second semester. 1:15, M. W. F.*

INDEX

Accredited Schools	40	Geology	66
Admission Requirements	38-39	German	66
Advanced Credit	40	Glee Club	30
Aid to Students	34-35	Grading and Reports	50
All College Day	31	Greek	67-68
Alumni		Gymnasium	23
Officers and Roll	96-114	Herrick Hall	21
Organizations	35-36	History	115
Apparatus and Collections	23	Historical Sketch	14-19
Appointment Bureau	35	Home Economics	69-72
Art, History of	68-69	Honors	50-52, 90
Athletics	27-28	Index, The	29-30
Athletic Field	21	Latin	72-74
Athletic Organizations	30	Lectures	
Attendance and Absence	49	Chapel	37
Award of Prizes and Honors	90	Extension	36
Basketball	30	To Freshmen	37
Biblical Literature	53	To Women	37-38
Biology	54-55	Library, The	24-25
Board		Building	22
Clubs	34	Limits of Work	45
Herrick Hall	33	Literary Societies	29
Buildings	21-23	Loan Funds	34
Business Courses	56-57	Location	20
Calendar	4	Marsh Memorial Hall	21
Campus	21	Mathematics	74-76
Campus Day	31	May Festival	32
Charter Day	31	Moral and Religious Culture	26-27
Chemistry	57-59	Music	
Choral Union	30	College, Credit in	76
Christian Associations	28	Conservatory	84-89
Chronological Table	19-20	Officers of Administration	
Class Standing	50	Board of Trustees	7
College Events	5	Faculty	9-13
College of Liberal Arts	38	Orchestra	30
Students, Roll of	91-96	Philosophy	77-79
Committees		Physical Education	79-80
Faculty	13	Physics	80
Trustees	7-8	Political Science	80-81
Conservatory of Music	84-89	Public Speaking	81-82
Roll of Students	100-103	Registration	49
Courses of Study	53-89	Regulations	25
College	53-84	General	49
Conservatory	87-89	Religious Exercises	26-27
Required	40-41	Reports	50
Suggested	41-45	Required Courses	40-41
Degrees	52	Rooms	33-34
Diploma in Music	86	Scholarships	34-35
Dormitory for Young Women	21	Schedule of Recitations	46-48
Economics	59-60	Science Hall	23
Education	60-61	Social Life	27
English Language and Literature	62-65	Sociology	83
Examination and Honor System	49-50	Spanish	83-84
Expenses	32-34	Special Students	40
Extension Lectures	36	Standards of Work and Conduct	25-26
Classes	36	Student Employment	33
Extra-Curricular Activities	53	Student Organizations	28-31
Faculty	9-13	The Student Body	28
Fees		Officers	91
Festival Days	31	Students, Roll of	91-96
Field Day	32	Suggested Courses	41-45
Forensic Organizations	29	Trustees	7
Football	30	Tuition Fees	32-33
French	65-66	Washington's Birthday	32

UNIVERSITY OF ILLINOIS-URBANA



3 0112 113305335